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Colleges and Universities

Basic Student Charges
1989-90

DDS
Data Series

Pennsylvania Department of Education 1990

Colleges and Universities

Basic Student Charges
1989-90

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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STATISTICAL HIGHLIGHTS

Institutional Category	Average Undergraduate In-State Tuition, Fees, Room and Board, 1989-90 (nearest $100)	Average Yearly Increase Over 10-Year Period
State Universities	$ 4 900	7.8%
State-Related Commonwealth Universities	6 900	7.3%
Community Colleges	1 300 1/	6.8%
Private State-Aided Institutions	13 600	9.4%
Private Colleges and Universities	12 000	9.4%
Theological Seminaries . . .	5 100	4.5%
Private Junior Colleges . .	9 100	8.4%

1/ In-district tuition and required fees only.

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OVERVIEW

The cost of attending Pennsylvania colleges and universities has increased at a faster rate than the cost of consumable goods over the past decade. During the period from 1980 through 1989, the consumer price index rose an average of 5.1 percent annually, whereas increases in basic student charges (tuition, required fees, room and board) were between 4.5 percent and 9.4 percent as indicated in the statistical highlights. Tuition increases at both public and private colleges and universities have exceeded overall inflation rates for the last several years. However, in 1989-90, the governor offered "tuition challenge grants" to the public universities as part of the state budget. This challenge provided that the state universities and state-related commonwealth universities would receive an additional appropriation if undergraduate tuition increases for Pa. residents did not exceed 4.0 percent or $100, whichever was greater. These universities accepted that challenge. This resulted in a smaller overall percentage increase in the cost of attending public institutions during 1989-90. Tuition increases at private colleges and universities and private state-aided institutions were higher than the annual inflation rate. Theological seminaries, reluctant to raise tuition in previous years, attempted to "catch up" by instituting larger than normal increases during 1989-90.

During 1989-90, undergraduate tuition, required fees, and room and board charges at four-year colleges ranged from $4,900 per year for students attending state universities to $13,600 per year for students attending private state-aided institutions. The average cost of attending community colleges (no room or board) remained nearly the same as 1988-89 at $1,300 per year. As was the case in 1989-90 among institutions offering first-professional programs, tuition and required fees for dentistry at the University of Pennsylvania was the highest, followed by Hahnemann University's medical program.

As reported in "Higher Education Tuition" 1/, year-by-year increases were indicated in tuition and room and board charges nationally. The charges nationally appear to follow the same pattern as evidenced in Pennsylvania colleges and universities. A review of yearly percentage changes in tuition and room and board charges indicates substantial differences from year-to-year among the various types of public and private institutions. By the year 1994-95, as projected in this report, tuition at public four-year undergraduate colleges nationally will average $6,743 a year compared to the 1989-90 estimate of $4,742 (an average increase of 7.2 percent per year) and private four-year colleges will average $17,122 compared to the 1989-90 estimate of $11,698 (an average increase of 7.9 percent per year). In the near future, it is expected that Pennsylvania public colleges and universities will see lower annual percentage increases in tuition, compared to public institutions nationally, because of state monetary incentives provided in the the appropriation act. However, Pennsylvania private colleges and universities will probably follow the national pattern.

1/ *Higher Education Tuition, April 1989,* Research Associates of Washington, D.C.

TABLE 1

AVERAGE UNDERGRADUATE IN-STATE TUITION AND REQUIRED FEES BY INSTITUTIONAL CATEGORY
1980-81 THROUGH 1989-90

Institutional Category	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
State Universities	$ 1 217	$ 1 381	$ 1 630	$ 1 645	$ 1 741	$ 1 790	$ 1 881	$ 2 038	$ 2 333	$ 2 437
State-Related Commonwealth Universities	1 760	1 935	2 201	2 368	2 523	2 711	2 924	3 118	3 435	3 572
Community Colleges	724	827	880	937	977	1 041	1 106	1 182	1 278	1 301
Private State-Aided Institutions	3 973	4 529	5 101	5 684	6 162	6 666	7 269	7 971	8 573	9 272
Private Colleges and Universities	3 563	4 022	4 517	4 967	5 403	5 907	6 416	6 990	7 623	8 399
Theological Seminaries	1 990	1 990	1 990	2 190	2 190	2 190	2 190	2 190	2 205	2 455
Private Junior Colleges	2 582	2 920	3 194	3 468	3 718	4 015	4 293	4 880	5 259	5 725

Theological seminaries had the highest percentage increase in average undergraduate in-state tuition and required fees during the 1989-90 academic year. During the previous five years, these institutions had virtually no increases in the tuition charges. The increases in public institutions were smaller in 1989-90 than in the previous years because of special financial incentives provided in the legislative appropriation act. Specifically, when compared to 1988-89, the increases in tuition charges for the state universities was 4.5 percent; state-related commonwealth universities, 4.0 percent; community colleges, 1.8 percent; private state-aided institutions, 8.2 percent; private colleges and universities, 10.2 percent; theological seminaries, 11.3 percent; and private junior colleges, 8.9 percent.

FIGURE 1
AVERAGE ANNUAL INCREASE IN UNDERGRADUATE IN-STATE TUITION AND REQUIRED FEES
1980-81 THROUGH 1989-90

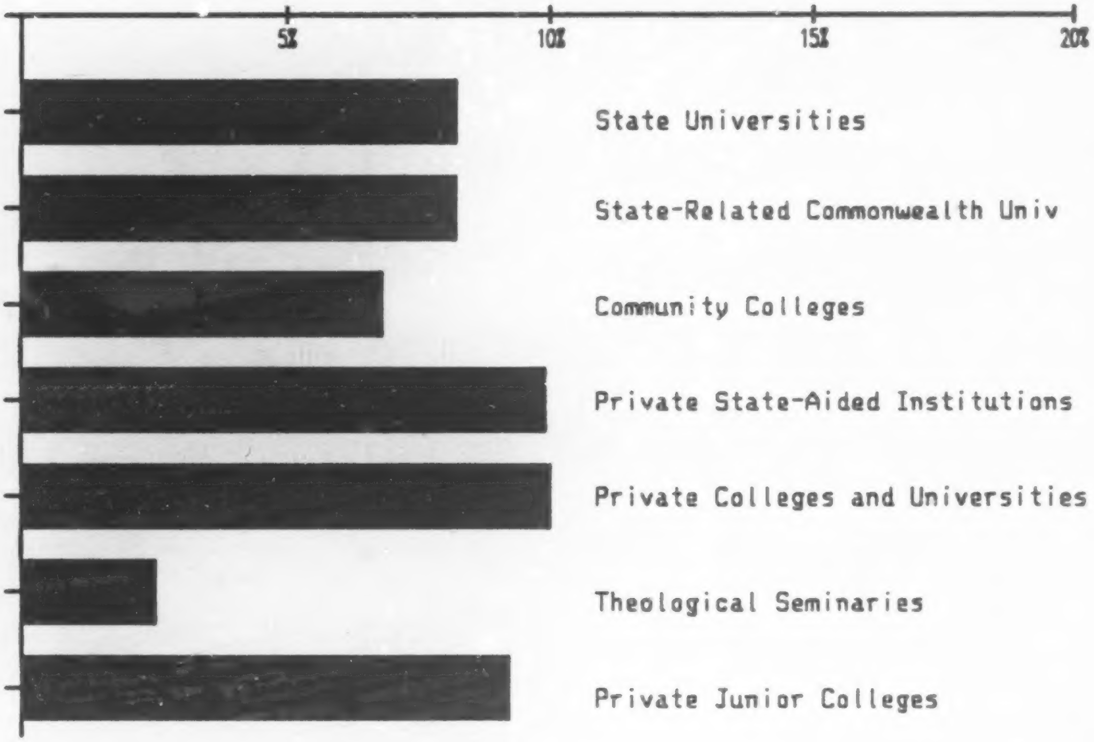

TABLE 2

AVERAGE COMBINED ROOM AND BOARD CHARGES BY INSTITUTIONAL CATEGORY
1980-81 THROUGH 1989-90

Institutional Category	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
State Universities	$ 1 303	$ 1 466	$ 1 640	$ 1 753	$ 1 834	$ 1 994	$ 2 077	$ 2 155	$ 2 290	$ 2 492
State-Related Commonwealth Universities	1 907	2 178	2 390	2 546	2 671	2 804	2 946	3 023	3 167	3 326
Private State-Aided Institutions	2 124	2 366	2 620	2 875	2 898	3 121	3 452	3 813	3 985	4 373
Private Colleges and Universities	1 831	2 049	2 266	2 454	2 621	2 814	3 019	3 207	3 393	3 649
Theological Seminaries	1 479	1 602	1 741	1 854	2 023	2 146	2 354	2 448	2 531	2 661
Private Junior Colleges	1 835	2 060	2 255	2 440	2 551	2 697	2 799	2 978	3 139	3 343

Note: Community colleges are not listed here since room and board charges are not applicable.

The average combined room and board charges listed above include data for those institutions which reported charges for both room and board. Private state-aided institutions had the highest increase in average combined room and board charges since 1988-89. Specifically, when compared to 1988-89, the average increases were, private state-aided institutions, 9.7 percent; state universities, 8.8 percent; private colleges and universities, 7.5 percent; private junior colleges, 6.5 percent; theological seminaries, 5.1 percent; and state-related commonwealth universities, 5.0 percent.

FIGURE 2
AVERAGE ANNUAL INCREASE IN ROOM AND BOARD CHARGES
1980-81 THROUGH 1989-90

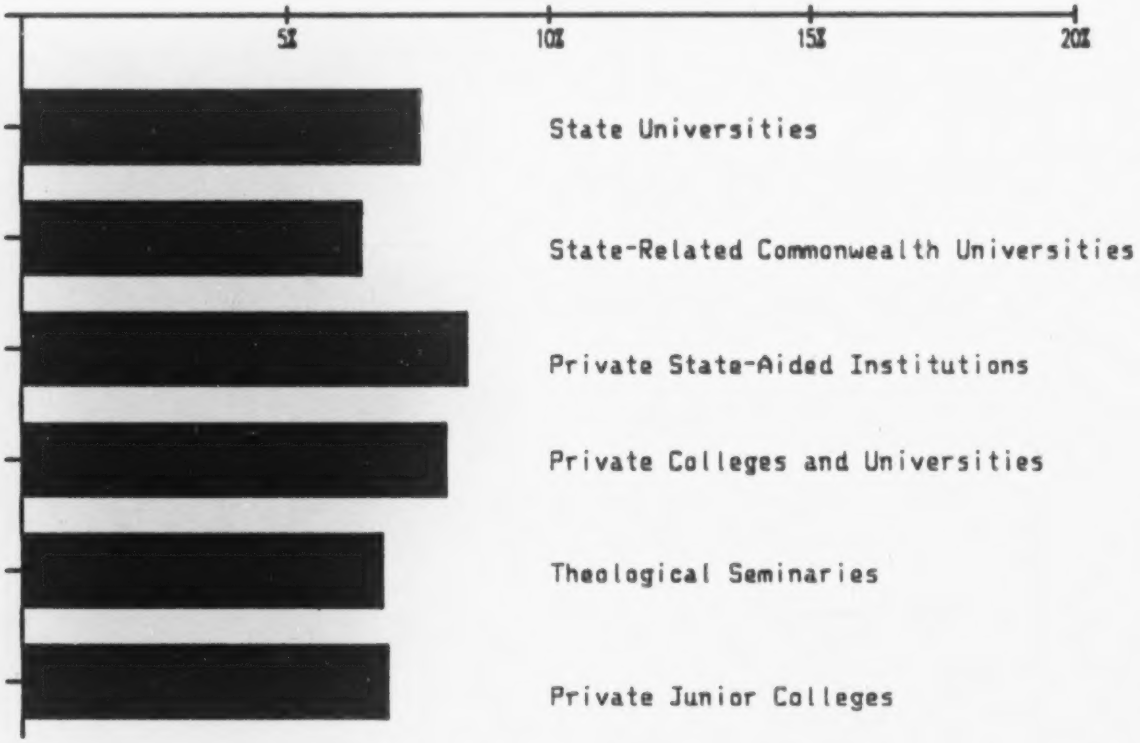

TABLE 3

AVERAGE BASIC STUDENT CHARGES BY INSTITUTIONAL CATEGORY
1989-90

Institutional Category	TUITION AND REQUIRED FEES						ROOM AND BOARD		
	Undergraduate		First-Professional		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board 1/	Room	Board
State Universities	$ 2 437	$ 4 295	$ -	$ -	$ 2 401	$ 2 817	$ 2 492	$ 1 429	$ 1 063
State-Related Commonwealth Universities	3 572	6 704	11 281	16 592	4 276	7 225	3 326	1 889	1 437
Community Colleges	1 301	4 033	-	-	-	-	-	-	-
Private State-Aided Institutions	9 272	9 272	15 502	16 355	9 018	9 018	4 373	2 737	2 186
Private Colleges and Universities	8 399	8 399	6 633	6 633	6 928	6 928	3 649	1 870	1 775
Theological Seminaries	2 455	2 455	3 578	3 578	3 297	3 297	2 661	1 156	1 583
Private Junior Colleges	5 725	5 725	-	-	-	-	3 343	1 772	1 635

NOTE: A dash (-) indicates "not applicable."

1/ Averages based on only those institutions having both room and board charges.

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
STATE UNIVERSITIES							
Bloomsburg University	$ 2 398	$ 4 254	$ 2 288	$ 2 758	$ 2 226	$ 1 326	$ 900
California University	2 548	4 404	2 548	2 968	2 680	1 280	1 400
Cheyney University	2 388	4 244	2 303	2 723	2 556	1 372	1 184
Clarion University	2 418	4 274	2 328	2 748	2 360	1 300	1 060
East Stroudsburg University	2 392	4 248	2 324	2 740	2 632	1 720	912
Edinboro University	2 438	4 294	2 432	2 852	2 320	1 300	1 020
Indiana University							
Main Campus	2 484	4 340	2 404	2 728	2 350	1 244	1 106
Armstrong Campus	2 484	4 340	2 404	2 728	2 284	1 178	1 106
Punxsutawney Campus	2 388	4 244	2 308	2 728	2 284	1 178	1 106
Kutztown University	2 380	4 236	2 250	2 670	2 424	1 604	820
Lock Haven University	2 358	4 214	2 358	2 778	2 274	1 349	925
Mansfield University	2 435	4 309	2 318	2 738	2 316	1 366	950
Millersville University	2 536	4 392	2 815	3 235	2 680	1 500	1 180
Shippensburg University	2 444	4 300	2 338	2 758	2 450	1 412	1 038
Slippery Rock University	2 504	4 360	2 504	2 924	2 656	1 404	1 252
West Chester University	2 398	4 254	2 398	2 818	2 956	1 824	1 132
STATE-RELATED COMMONWEALTH UNIVERSITIES							
Lincoln University	2 400	3 500	3 250	4 850	2 600	1 350	1 250
Pennsylvania State University							
Main Campus	3 754	7 900	4 198	8 388	3 330	1 480	1 850
Allentown Campus	3 634	7 900	-	-	-	-	-
Altoona Campus	3 634	7 900	-	-	3 330	1 480	1 850
Beaver Campus	3 634	7 900	-	-	3 330	1 480	1 850
Berks Campus	3 634	7 900	-	-	-	-	-
Capital College	3 754	7 900	4 198	8 388	3 330	1 480	1 850
Delaware Campus	3 634	7 900	-	-	-	-	-
DuBois Campus	3 634	7 900	-	-	-	-	-
Erie Behrend College	3 754	7 900	4 198	8 388	3 330	1 480	1 850
Fayette Campus	3 634	7 900	-	-	-	-	-
Great Valley Graduate Center	-	-	202/cr	349/cr	-	-	-
Hazleton Campus	3 634	7 900	-	-	3 330	1 480	1 850
Hershey Medical Center	-	-	4 198	8 388	-	-	-

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES--Continued
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
STATE-RELATED COMMONWEALTH UNIVERSITIES--Concluded							
Pennsylvania State University - Concluded							
McKeesport Campus	$ 3 634	$ 7 900	$ -	$ -	$ 3 330	$ 1 480	$ 1 850
Mont Alto Campus	3 634	7 900	-	-	3 330	1 480	1 850
New Kensington Campus	3 634	7 900	-	-	-	-	-
Ogontz Campus	3 634	7 900	-	-	-	-	-
Schuylkill Campus	3 634	7 900	-	-	3 330	1 480	1 850
Shenango Valley Campus	3 634	7 900	-	-	-	-	-
Wilkes-Barre Campus	3 634	7 900	-	-	-	-	-
Worthington-Scranton Campus	3 634	7 900	-	-	-	-	-
York Campus	3 634	7 900	-	-	-	-	-
Technology, Pa. College of 1/	3 944	6 031	-	-	-	-	-
Temple University	4 046	7 308	4 610	5 786	4 056	2 738	1 318
University of Pittsburgh							
Main Campus	4 086	8 106	5 046	9 876	3 314	1 986	1 328
Bradford Campus	4 060	8 080	-	-	3 320	1 680	1 640
Greensburg Campus	4 060	8 080	-	-	2 970	1 600	1 370
Johnstown Campus	4 060	8 080	-	-	3 034	1 752	1 282
Titusville Campus	3 940	7 800	-	-	3 230	1 660	1 570
COMMUNITY COLLEGES							
Bucks County Community College	1 374	4 634	-	-	-	-	-
Butler County Community College	1 182	3 654	-	-	-	-	-
Community College of Allegheny County	1 300	3 856	-	-	-	-	-
Community College of Beaver County	1 310	4 430	-	-	-	-	-
Community College of Philadelphia	1 360	4 000	-	-	-	-	-
Delaware County Community College	1 086	3 438	-	-	-	-	-
Harrisburg Area Community College	1 095	3 335	-	-	-	-	-
Lehigh County Community College	1 365	4 425	-	-	-	-	-
Luzerne County Community College	1 440	4 080	-	-	-	-	-
Montgomery County Community College	1 254	3 894	-	-	-	-	-
Northampton County Community College	1 500	4 680	-	-	-	-	-
Reading Area Community College	1 380	4 080	-	-	-	-	-
Westmoreland County Community College	1 272	3 928	-	-	-	-	-

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES--Continued
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
PRIVATE STATE-AIDED INSTITUTIONS							
Delaware Valley College of Science and Agriculture	$ 8 125	$ 8 125	$ -	$ -	$ 3 565	$ 1 575	$ 1 990
Drexel University	9 551	9 551	9 450	9 450	4 620	2 670	1 950 2/
Hahnemann University	6 460	6 460	7 250	7 250	-	5 000	-
Medical College of Pennsylvania	-	-	5 360	5 360	-	-	-
Pennsylvania College of Optometry	-	-	-	-	-	2 200	-
Pennsylvania College of Podiatric Medicine	-	-	-	-	-	2 998	-
Philadelphia College of Textiles and Science	7 775	7 775	258/cr	258/cr	3 905	1 890	2 015
Thomas Jefferson University	9 850	9 850	8 100	8 100	-	-	-
University of the Arts	9 440	9 440	9 440	9 440	-	2 950	-
University of Pennsylvania	13 700	13 700	14 510	14 510	5 400	2 610	2 790 2/
PRIVATE COLLEGES AND UNIVERSITIES							
Academy of the New Church	2 928	2 928	-	-	3 260	1 102	2 158
Albright College	10 835	10 835	-	-	3 250	1 775	1 475
Allegheny College	11 540	11 540	11 540	11 540	3 600	1 860	1 740
Allentown College of St. Francis de Sales	6 580	6 580	248/cr	248/cr	3 600	1 860	1 740
Alvernia College	5 668	5 668	-	-	3 200	1 280	1 920
American College	-	-	145/cr	145/cr	-	-	-
Annenberg Research Institute	-	-	1 000 3/	1 000 3/	-	-	-
Antioch University	4 490	4 490	5 390	5 390	-	-	-
Baptist Bible College and School of Theology	4 934	4 934	3 514	3 514	2 776	1 110	1 666
Beaver College	9 235	9 235	9 750	9 750	4 225	2 450	1 775
Bryn Mawr College	13 650	13 650	11 800	11 800	5 100	3 000	2 100
Bucknell University	13 825	13 825	12 792	12 792	3 475	1 855	1 620
Cabrini College	7 060	7 060	160/cr	160/cr	4 350	2 175	2 175
Carlow College	7 940	7 940	250/cr	250/cr	4 000	2 250	1 750
Carnegie-Mellon University	13 080	13 080	12 841	12 841	4 442	2 610	1 832
Cedar Crest College	9 680	9 680	-	-	4 220	2 110	2 110
Chatham College	9 290	9 290	-	-	4 100	2 050	2 050
Chestnut Hill College	7 000	7 000	185/cr	185/cr	3 550	1 597	1 953
College Misericordia	6 975	6 975	4 884	4 884	3 600	1 870	1 730
Combs College of Music	5 700	5 700	5 284	5 284	-	-	-
Curtis Institute of Music	200 4/	200 4/	200 4/	200 4/	-	-	-
Dickinson College	13 400	13 400	-	-	4 000	2 120	1 880
Dickinson School of Law	-	-	8 435	8 435	-	1 650	-
Duquesne University	8 040	8 040	5 076	5 076	3 917	2 199	1 718
Eastern College	8 315	8 315	5 845	5 845	3 220	1 470	1 750

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES--Continued
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
PRIVATE COLLEGES AND UNIVERSITIES--Continued							
Elizabethtown College	$ 9 700	$ 9 700	$ -	$ -	$ 3 500	$ 1 700	$ 1 800
Franklin and Marshall College	13 690	13 690	-	-	3 980	1 990	1 990
Gannon University	7 060	7 060	4 500	4 500	3 000	1 600	1 400
Geneva College	6 530	6 530	4 611	4 611	3 250	1 560	1 690
Gettysburg College	13 625	13 625	-	-	3 160	1 580	1 580
Gratz College	2 100	2 100	2 400	2 400	-	-	-
Grove City College	4 423	4 423	-	-	2 220	770	1 450
Gwynedd-Mercy College	6 650	6 650	250/cr	250/cr	3 500	1 750	1 750
Haverford College	13 900	13 900	-	-	4 700	2 600	2 100
Holy Family College	5 990	5 990	-	-	-	-	-
Immaculata College	6 100	6 100	170/cr	170/cr	3 750	1 900	1 850
Juniata College	10 600	10 600	-	-	3 240	1 530	1 710
King's College	7 110	7 110	-	-	3 500	1 610	1 890
Lafayette College	13 085	13 085	-	-	4 300	2 175	2 125
Lancaster Bible College	5 720	5 720	-	-	2 690	1 050	1 640
LaRoche College	5 910	5 910	215/cr	215/cr	3 320	1 992	1 328
LaSalle University	8 225	8 225	5 497	5 497	4 260	2 350	1 910
Lebanon Valley College	9 800	9 800	-	-	3 875	1 725	2 150
Lehigh University	13 550	13 550	13 550	13 550	4 370	2 540	1 830
Lycoming College	9 400	9 400	-	-	3 400	1 740	1 660
Marywood College	6 970	6 970	4 120	4 120	3 100	1 500	1 600
Mercyhurst College	7 450	7 450	5 738	5 738	2 875	1 375	1 500
Messiah College	7 450	7 450	-	-	3 695	1 815	1 880
Moore College of Art	9 500	9 500	-	-	4 600	3 000	1 600
Moravian College	10 805	10 805	-	-	3 515	1 885	1 630
Moravian Theological Seminary	-	-	5 450	5 450	3 430	1 800	1 630
Muhlenberg College	12 593	12 593	-	-	3 675	1 900	1 775
Neumann College	6 760	6 760	214/cr	214/cr	-	-	-
Philadelphia College of Bible	5 515	5 515	-	-	3 200	1 500	1 700
Philadelphia College of Pharmacy and Science	7 830	7 830	7 750	7 750	3 748	2 400	1 348
Point Park College	6 902	6 902	204/cr	204/cr	4 130	1 720	2 410
Reconstructionist Rabbinical College	-	-	4 515	4 515	-	-	-
Robert Morris College	4 200	4 200	160/cr	160/cr	3 000	1 592	1 408
Rosemont College	7 865	7 865	180/cr	180/cr	4 800	3 745	1 055
Saint Francis College	8 040	8 040	5 882	5 882	3 920	1 860	2 060
Saint Joseph's University	8 850	8 850	248/cr	248/cr	4 500	2 800	1 700

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES--Continued
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
PRIVATE COLLEGES AND UNIVERSITIES--Concluded							
Saint Vincent College	$ 7 459	$ 7 459	$ -	$ -	$ 3 124	$ 1 444	$ 1 680
Saint Vincent Seminary	-	-	5 160	5 160	3 254	1 574	1 680
Seton Hill College	7 500	7 500	-	-	3 220	1 288	1 932
Spring Garden College	7 630	7 630	-	-	4 000	2 400	1 600
Susquehanna University	11 010	11 010	-	-	3 600	1 820	1 780
Swarthmore College	14 530	14 530	14 530	14 530	4 920	2 460	2 460
Thiel College	7 830	7 830	-	-	3 844	1 984	1 860
United Wesleyan College	5 370	5 370	-	-	2 760	1 160	1 600
University of Scranton	8 110	8 110	5 760	5 760	3 753	2 073	1 680
Ursinus College	10 645	10 645	-	-	3 850	1 540	2 310
Valley Forge Christian College	3 016	3 016	-	-	2 492	992	1 500
Villanova University	9 560	9 560	5 042	5 042	4 900	2 560	2 340
Washington and Jefferson College	10 740	10 740	-	-	3 090	1 510	1 580
Waynesburg College	6 816	6 816	4 896	4 896	2 780	1 380	1 400
Westminster College	8 550	8 550	6 760	6 760	2 600	1 230	1 370
Widener University	9 180	9 180	5 880	5 880	4 160	2 194	1 966
Wilkes College	7 874	7 874	5 560	5 560	3 550	2 050	1 500
Wilson College	9 324	9 324	-	-	4 234	2 076	2 158
York College of Pennsylvania	3 892	3 892	160/cr	160/cr	2 598	1 262	1 336
THEOLOGICAL SEMINARIES							
Biblical Theological Seminary	-	-	2 552	2 522	-	-	-
Calvary Baptist Theological Seminary	-	-	2 740	2 740	-	-	-
Christ the Saviour Seminary	885	885	-	-	1 200	500	700
Eastern Baptist Theological Seminary	-	-	3 480	3 480	-	1 500	-
Evangelical School of Theology	-	-	3 135	3 135	-	700	-
Faith Theological Seminary	-	-	2 100	2 100	-	800	-
Lancaster Theological Seminary	-	-	3 900	3 900	3 150	1 354	1 796
Lutheran Theological Seminary - Gettysburg	-	-	2 536	2 536	2 155	760	1 395 5/
Lutheran Theological Seminary - Philadelphia	-	-	2 664	2 664	2 840	800	2 040
Mary Immaculate Seminary	-	-	3 360	3 360	3 300	1 650	1 650
Pittsburgh Theological Seminary	-	-	4 754	4 754	-	1 185	-
Reformed Presbyterian Theological Seminary	-	-	-	-	1 200 6/	900	300 6/
Saint Charles Borromeo Seminary	4 025	4 025	4 000	4 000	3 000	1 000	2 000
Theological Seminary of the Reformed Episcopal Church	-	-	-	-	-	2 400	-
Westminster Theological Seminary	-	-	4 340	4 340	2 895	1 485	1 500 5/

TABLE 4

BASIC STUDENT CHARGES AT COLLEGES AND UNIVERSITIES--Concluded
1989-90

	TUITION AND REQUIRED FEES				ROOM AND BOARD		
	Undergraduate		Graduate				
	In-State	Out-of-State	In-State	Out-of-State	Combined Room and Board	Room	Board
PRIVATE JUNIOR COLLEGES							
Harcum Junior College	$ 5 590	$ 5 590	$ -	$ -	$ 3 630	$ 1 815	$ 1 815
Keystone Junior College	6 200	6 200	-	-	3 760	1 880	1 880
Lackawanna Junior College	4 544	4 544	-	-	-	-	-
Manor Junior College	5 520	5 520	-	-	3 000	1 750	1 250 2/
Mount Aloysius Junior College	5 970	5 970	-	-	2 870	1 280	1 590
Northeastern Christian Junior College	4 700	4 700	-	-	3 392	1 440	1 952
Peirce Junior College	5 250	5 250	-	-	-	2 220	-
Pinebrook Junior College	5 190	5 190	-	-	2 949	1 310	1 639
Valley Forge Military Junior College	8 560	8 560	-	-	3 800	2 480	1 320

NOTE: A dash (-) indicates "not applicable."

1/ Formerly Williamsport Area Community College, now an affiliate of Pennsylvania State University.
2/ Board charge is for five days per week.
3/ The student body consists of part-time students. Not included in averages.
4/ Not included in averages.
5/ Board charge is for six days per week.
6/ Board charge is for noon meals four days per week. Not included in averages.

TABLE 5

TUITION AND REQUIRED FEES FOR FIRST-PROFESSIONAL PROGRAMS 1989-90

	In-State	Out-of-State
CHIROPRACTIC		
Pennsylvania College of Straight Chiropractic	$ 8 475	$ 8 475
DENTISTRY		
Temple University	11 618	18 258
University of Pittsburgh	14 156	19 916
University of Pennsylvania		
First Year	20 874	20 874
Upper Class	20 254	20 254
Advanced	21 830	21 830
LAW		
Dickinson School of Law	8 435	8 435
Duquesne University		
Day	7 564	7 564
Evening	5 775	5 775
Temple University	5 426	10 000
University of Pennsylvania	14 744	14 744
University of Pittsburgh	7 046	11 136
Villanova University	10 707	10 707
MEDICINE		
Hahnemann University	18 120	18 120
Medical College of Pennsylvania	15 725	15 725
Pennsylvania State University	12 544	18 442
Temple University	14 262	19 014
Thomas Jefferson University	17 150	17 150
University of Pennsylvania	17 814	17 814
University of Pittsburgh	13 916	19 376
OPTOMETRY		
Pennsylvania College of Optometry	8 685	14 285 1/
OSTEOPATHY		
Philadelphia College of Osteopathic Medicine	14 500	14 870
PHARMACY		
Duquesne University	7 332	7 332
Philadelphia College of Pharmacy and Science	7 750	7 750
PODIATRY		
Pennsylvania College of Podiatric Medicine	13 729	13 729

TABLE 5

TUITION AND REQUIRED FEES FOR FIRST-PROFESSIONAL PROGRAMS--Concluded
1989-90

	In-State	Out-of-State
THEOLOGY		
Academy of the New Church	$ 2 769	$ 2 769
Baptist Bible College and School of Theology	4 450	4 450
Biblical Theological Seminary	3 168	3 168
Calvary Baptist Theological Seminary	3 040	3 040
Eastern Baptist Theological Seminary	4 660	4 660
Evangelical School of Theology	3 135	3 135
Faith Theological Seminary	4 000	4 000
Lancaster Theological Seminary	4 650	4 650
Lutheran Theological Seminary--Gettysburg	2 536	2 536
Lutheran Theological Seminary--Philadelphia	3 085	3 085
Mary Immaculate Seminary	3 360	3 360
Moravian College (Moravian Theological Seminary)	5 450	5 450
Pittsburgh Theological Seminary	4 754	4 754
Reconstructionist Rabbinical College	4 515	4 515
Reformed Presbyterian Theological Seminary	2 250	2 505
Saint Charles Borromeo Seminary	4 000	4 000
Saint Vincent College (Saint Vincent Seminary)	6 450	6 450
Theological Seminary of the Reformed Episcopal Church	3 375	3 375
Trinity Episcopal School for Ministry	2 768	2 768
Westminster Theological Seminary	4 895	4 895
VETERINARY MEDICINE		
University of Pennsylvania	13 562 2/	16 130

1/ Possible reduction of $4,000-$6,500 in tuition for students from contract states.

2/ Tuition and required fees for students from contract states and Pennsylvania.

TABLE 6

NATIONAL AVERAGE UNDERGRADUATE IN-STATE TUITION, ROOM AND BOARD CHARGES 1980-81 THROUGH 1987-88 AND PROJECTED 1988-89 THROUGH 1994-95

	TOTAL TUITION, ROOM AND BOARD 1/							
	Public				Private			
	All	Univ	4-year	2-year	All	Univ	4-year	2-year
1980-81	$ 2 371	$ 2 711	$ 2 420	$ 2 020	$ 5 468	$ 6 566	$ 5 249	$ 4 290
1981-82	2 668	3 079	2 701	2 217	6 184	7 439	5 949	4 840
1982-83	2 944	3 403	3 032	2 390	6 920	8 537	6 646	5 364
1983-84	3 156	3 628	3 285	2 534	7 509	9 307	7 244	5 571
1984-85	3 408	3 899	3 518	2 807	8 202	10 243	7 849	6 203
1985-86	3 584	4 146	3 637	2 981	8 868	11 034	8 551	6 512
1986-87	3 875	4 543	3 959	3 056	9 762	12 381	9 356	6 456
1987-88 2/	4 030	4 760	4 130	3 230	10 480	13 330	10 050	6 870
			PROJECTED					
1988-89	4 317	5 084	4 425	3 464	11 309	14 423	10 842	7 360
1989-90	4 624	5 431	4 742	3 715	12 205	15 607	11 698	7 885
1990-91	4 981	5 846	5 109	4 002	13 173	16 889	12 622	8 448
1991-92	5 336	6 246	5 475	4 292	14 219	18 277	13 620	9 053
1992-93	5 716	6 673	5 868	4 604	15 348	19 780	14 698	9 701
1993-94	6 125	7 130	6 290	4 938	16 568	21 407	15 863	10 396
1994-95	6 562	7 618	6 743	5 297	17 887	23 170	17 122	11 142

1/ Dollar amounts are institutional enrollment weighted.
2/ Estimated by the National Center for Education Statistics, U.S. Department of Education.

Source: *Higher Education Tuition, April 1989*, Research Associates of Washington, D.C.

APPENDIX A

GLOSSARY

BASIC STUDENT CHARGES - Includes tuition, required fees, and room and board charges for a full-time undergraduate, graduate or first-professional educational program.

BOARD CHARGES - Charges for a 7-day meal plan. Where a 7-day meal plan is not available, 6-day or 5-day meal plans are used in calculating the averages. The averages do not include board charges at branch campuses.

CONTRACT STATE - A state having a contract with a Pennsylvania college for which students are charged a reduced tuition for certain programs. The contract states for the University of Pennsylvania veterinary program are Connecticut, Delaware, Maine, Maryland, New Jersey, Puerto Rico, and Vermont. For the Pennsylvania College of Optometry, the contract states are Arkansas, Delaware, Maryland, New Jersey, North Carolina, Virginia, and West Virginia.

FIRST-PROFESSIONAL STUDENT - A student who is enrolled in a professional school or program which requires at least two academic years of college work for entrance and a total of at least six years for a degree.

REQUIRED FEES - Fees required of all students or by such a large portion of students that someone not paying the particular fee is an exception.

ROOM CHARGES - Charges based on double occupancy for a full academic year. The averages do not include room charges at branch campuses.

TUITION - The typical nine-month charge for a full-time student. Calculated averages include full-time in-state students (from sponsoring districts for community colleges) attending day school at the main campus. An exception to the main campus rule is the inclusion of the first-professional medical program at PSU, Hershey Medical Center. As an additional note, community college charges for in-state students residing in nonsponsoring distícts are approximately twice the listed amount for in-state students. Excluded from calculated averages are those charges listed on a credit hour or per course basis.

APPENDIX B

SOURCES

1. Basic Student Charges (Community Colleges Only) (PDE-2068)
2. Basic Student Charges (PDE-2069)
3. *Higher Education Tuition, April 1989,* Research Associates of Washington. D.C.
4. *Monthly Summary of CPI News Release, May 1979 - June 1989,* U.S. Department of Labor, Bureau of Labor Statistics, Washington. D.C.

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Vocational Education

Secondary Program Statistics
1988-89

DDS
Data Series

Pennsylvania Department of Education 1990

Vocational Education

Secondary Program Statistics
1988-89

This is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at area code 717-787-2644.

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Donald M. Carroll, Jr., Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

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January 1990

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HIGHLIGHTS

* 131,258 students were enrolled in vocational education secondary programs in 1988-89, a decrease of 19,849 students or 13.1 percent from 1987-88.

* Since 1984-85, enrollments in occupational education programs, grades 10 through 12, declined by 37.8 percent, while total public school enrollments in those grades declined by only 9.6 percent.

* 31,433 students completed secondary occupational education programs in 1988-89.

* 14,678 handicapped students and 41,209 disadvantaged students (including 1,301 limited English proficient students) were enrolled in vocational education secondary programs.

* 49.0 percent of the 38,547 completers of 1987-88 approved vocational education secondary programs responded to the 1989 follow-up survey; of those responding, 89.9 percent were gainfully placed (employed, military service, and pursuing additional education), 6.6 percent were unemployed looking for work, and 3.5 were unemployed not looking for work.

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OVERVIEW

Enrollments in Pennsylvania's vocational education secondary programs were 131,258 in 1988-89, a 13.1 percent decrease from 1987-88. This continues the trend of declining vocational enrollments which has occurred throughout the 1980s, the sharpest decline occurring in the last five years. Since 1984-85, occupational enrollments in grades 10 through 12 decreased by 37.8 percent, compared to 9.6 percent for total public enrollments in grades 10 through 12. The implementation of State Board of Education curriculum regulations, which increased graduation requirements, and the Pennsylvania Department of Education standards for vocational education, which identified minimum time requirements for vocational education programs, have contributed to the decline of secondary vocational enrollments.

Other factors may include the increasing percentage of graduates continuing on to higher education 1/; these students are more likely to enroll in academic rather than vocational curriculum. A recent study suggests that this may be especially applicable to girls: "In 1984, girls were seriously under-represented in the college program....By 1988, this distribution had reversed itself. It can be speculated that in 1984 these girls were mostly completing business education or home economics programs, but are now in the college program; thus the sharp decline in vocational programs." 2/

In 1988-89, students were enrolled in 3,749 vocational secondary programs. The majority of these enrollments were in programs operated by 535

1/ Pennsylvania Department of Education, *Education Statistics: Projections to 1993-94* (1989).

2/ Kenneth Gray, Edith Isacke, and Wang, Dan-Shang, *Final Report: Comparative Analysis of High School Graduates in Central Pennsylvania From Vocational, Academic and General Curricula for the Years 1984-88*, Pennsylvania Department of Education, June 1989, p. 22.

high schools (73,772 students), followed by 85 area vocational-technical schools (AVTSs; 54,339 students), 12 intermediate units (2,095 students), and 7 state juvenile correctional institutions (1,052 students). Most of these 3,749 programs are approved under the State Board of Education regulations and PDE standards for vocational education, and operate in high schools, AVTSs, and Scranton State School for the Deaf. Unapproved programs operate in high schools, AVTSs, and intermediate units with federal vocational handicapped and disadvantaged funds. There are an additional 31 programs in juvenile correctional facilities.

Special needs (handicapped or disadvantaged) students accounted for 42.9 percent of enrollments in secondary vocational programs, up from 41.2 percent last year. These students may be enrolled in a separate vocational program or in a mainstream program with regular students. With the Pennsylvania Department of Education emphasis on mainstreaming students where possible, the percentage of handicapped students in mainstream programs has risen steadily over the last seven years, from 51.2 percent in 1982-83 to 82.9 percent in 1988-89. The proportion of mainstreamed disadvantaged students also increased, from 59.3 percent in 1982-83 to 89.9 percent in 1988-89.

A follow-up survey of those who completed approved vocational secondary programs in 1987-88 was conducted during the summer of 1989. Data from this and previous surveys since 1985 shows opposite trends occurring between the percentages of students gainfully placed and those unemployed looking for work. The gainfully placed rate (employed related to training, employed unrelated, pursuing education, and military service) was 85.9 percent in 1985, rose each year to last year's high of 90.4 percent, and showed a slight decrease in 1989 to 89.9 percent. The rate of students unemployed looking for work was

10.6 percent in 1985, dropped each year to 6.4 percent in 1988, and leveled off in 1989 at 6.6 percent.

Of those respondents in the labor force, the 1988 unemployment rate was 9.6 percent; this compares favorably to the statewide youth unemployment rate of 13.9 percent. 3/ Both of these rates have been following the same downward trend; however, between 1985 and 1988, the unemployed rate for vocational graduates has been an average of 3.1 points lower than the youth unemployment rate.

Approved vocational secondary programs were taught by 5,122 teachers in 1988-89, representing 12.3 percent of all secondary classroom teachers. 4/ As with vocational enrollments, the number of vocational teachers has declined every year, from 7,623 in 1979-80 to this year's 5,122. The average annual salary for full-time teachers of approved vocational programs was $30,718, an increase of 6.8 percent from 1987-88. By comparison, the average salary of all secondary classroom teachers was $31,846 in 1988-89. 4/ This difference may be due in part to the fact that, compared to all secondary classroom teachers, a greater percentage of vocational teachers are female, fewer vocational teachers have education above a bachelor's degree, and vocational teachers have fewer years of teaching experience.

3/ Pennsylvania Department of Labor and Industry, *Annual Planning Information Report, Fiscal Years 1987-1990.* "Respondents in the labor force" refers to former vocational students in the follow-up survey who were either employed or unemployed looking for work. Students pursuing education, in military service, or unemployed not looking for work were not included in this calculation.

4/ Pennsylvania Department of Education, *Public Schools: Full-Time Professional Personnel, 1988-89.*

TABLE 1

VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
TOTAL	258 913	251 849	242 920	233 242	216 910	197 996	181 486	168 535	151 107	131 258
Agriculture Education	14 723	13 825	13 435	12 728	11 718	11 122	10 267	9 443	8 445	6 918
Business Education	63 261	61 110	59 695	61 146	56 198	50 322	45 108	39 966	35 640	26 276
Health Occupations Education	5 070	5 151	4 912	4 866	5 168	5 081	4 557	4 210	3 593	3 262
Marketing & Distributive Education	10 424	9 694	9 120	8 856	7 684	7 071	6 263	5 809	5 202	4 564
Occupational Home Economics Education	7 043	7 637	7 342	10 032	9 845	9 002	8 419	7 502	6 613	6 185
Technical Education	9 592	9 708	9 184	8 827	8 539	7 766	7 477	-	-	-
Trade & Industrial Education	77 462	76 718	73 569	59 859	55 972	51 803	47 371	50 822	48 330	45 604
Not Elsewhere Classified	6 827	4 986	5 090	12 200	11 088	10 983	5 686	5 476	5 245	5 519
Consumer and Homemaking Education	64 511	63 020	60 573	54 728	50 698	44 846	46 338	45 307	37 439	32 390
Industrial Arts Education	-	-	-	-	-	-	-	-	600	540

NOTE: 1. As a result of a new program coding system implemented in 1982-83, several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

2. As of 1986-87, the technical education program field is included in the trade and industrial education program field.

3. In 1987-88, the Pennsylvania Department of Education began approving programs in industrial arts education.

FIGURE 1
VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS
1979-80 THROUGH 1988-89

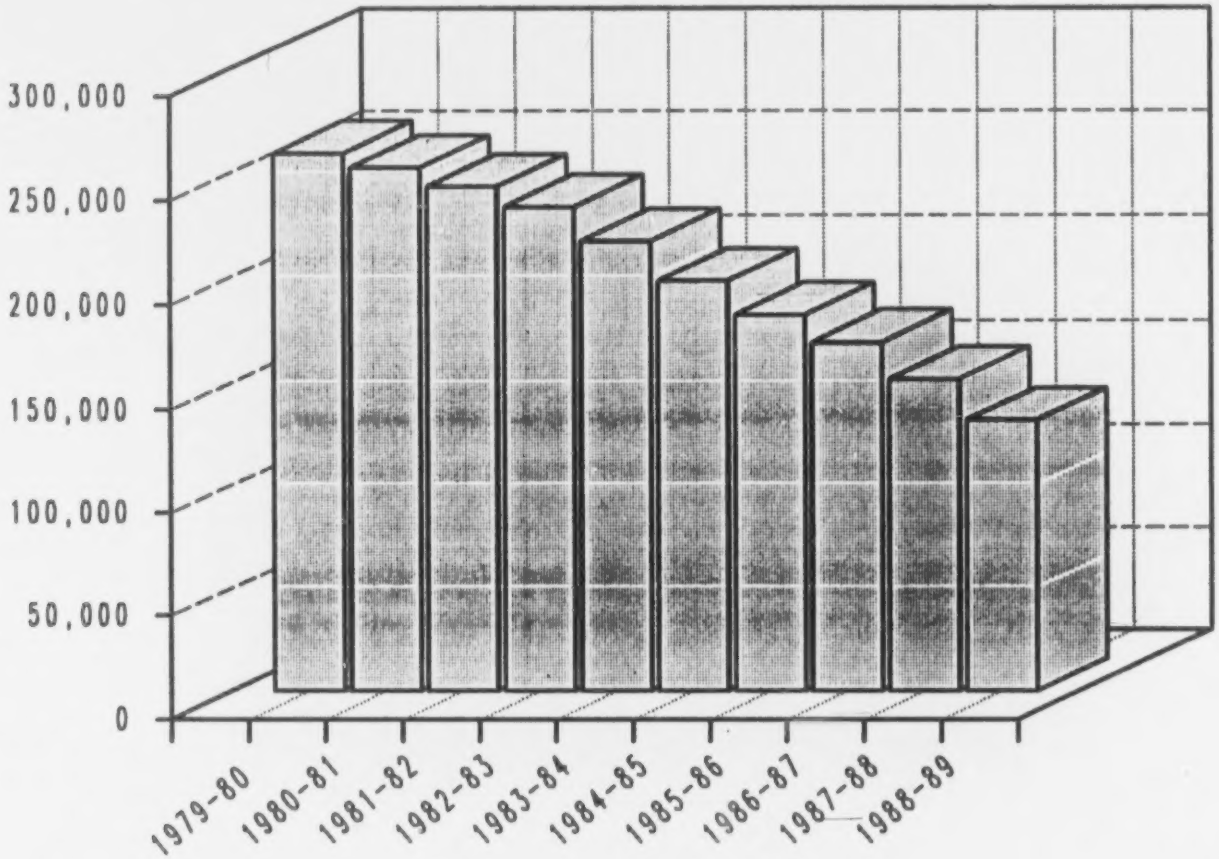


FIGURE 2
COMPARISON: OCCUPATIONAL ENROLLMENTS TO PUBLIC SCHOOL ENROLLMENTS
GRADES 10-12
1979-80 THROUGH 1988-89

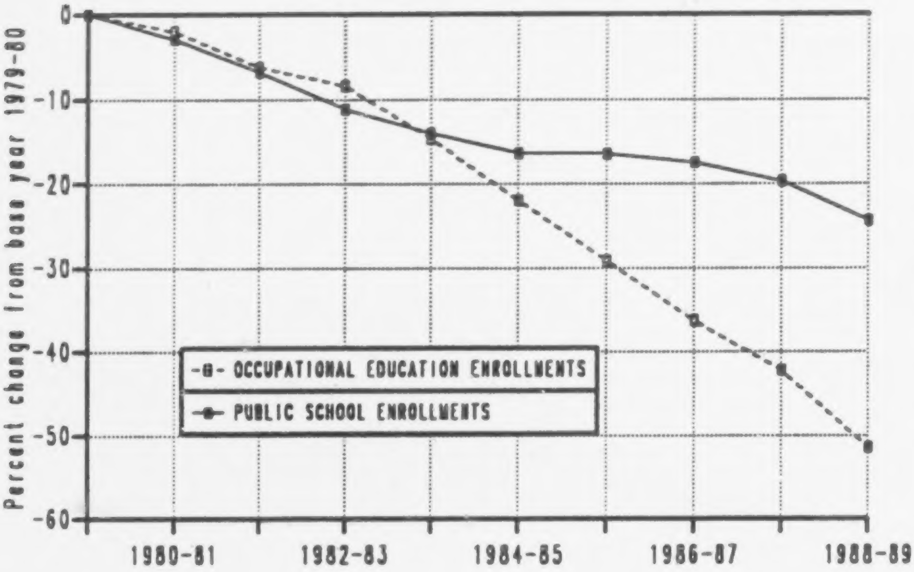
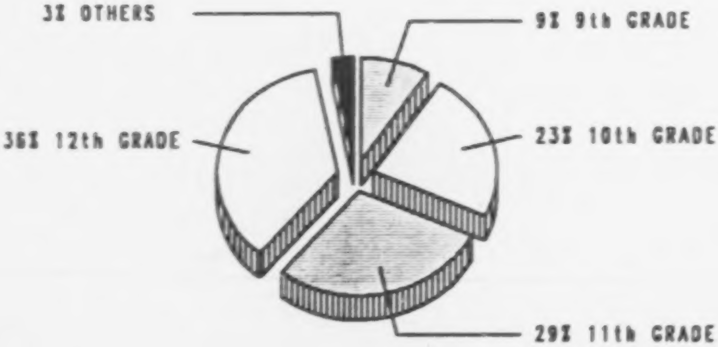


FIGURE 3
VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS BY GRADE
1988-89



NOTE: The category "OTHERS" includes ungraded students, incarcerated juveniles, and adults in secondary programs.

TABLE 2

VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS AND COMPLETERS
1988-89

	Enrollments								
	Total	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Adults in Secondary Programs	Incarcerated Juveniles	Completers
TOTAL	131 258	12 421	30 007	37 831	47 097	1 354	1 496	1 052	31 433
Agriculture Education	6 918	1 591	1 658	1 739	1 827	62	41	0	1 592
Business Education	26 276	285	5 257	8 852	11 535	219	128	0	9 667
Health Occupations Education	3 262	26	740	1 173	1 162	47	114	0	1 102
Marketing & Distributive Education	4 564	96	679	1 673	2 092	4	20	0	1 724
Occupational Home Economics Education	6 185	93	1 511	2 090	2 089	254	84	64	1 959
Trade & Industrial Education	45 604	925	12 706	15 228	14 208	495	1 109	933	13 188
Not Elsewhere Classified	5 519	988	984	622	2 684	186	0	55	2 201
Consumer and Homemaking Education	32 390	7 877	6 472	6 454	11 500	87	-	-	-
Industrial Arts Education	540	540	-	-	-	-	-	-	-

NOTE: A dash (-) indicates "not applicable."

TABLE 3

COOPERATIVE EDUCATION AS A PERCENTAGE OF OCCUPATIONAL EDUCATION ENROLLMENTS 12TH GRADE STUDENTS 1988-89

	12th Grade Occupational Enrollments	Cooperative Education			
		Capstone		Diversified Occupations	
		Enroll-ments	%	Enroll-ments	%
TOTAL	35 597	6 297	17.7	2 299	6.5
Agriculture Education	1 827	246	13.5	-	-
Business Education	11 535	1 095	9.5	-	-
Health Occupations Education	1 162	200	17.2	-	-
Marketing and Distributive Education	2 092	1 203	57.5	-	-
Occupational Home Economics Education	2 089	611	29.2	-	-
Trade and Industrial Education	14 208	2 918	20.5	-	-
Not Elsewhere Classified	2 684	24	0.9	2 299	85.7

NOTE: A dash (-) indicates "not applicable."

FIGURE 4
COOPERATIVE EDUCATION AS A PERCENTAGE OF OCCUPATIONAL EDUCATION ENROLLMENTS
12TH GRADE STUDENTS
1988-89

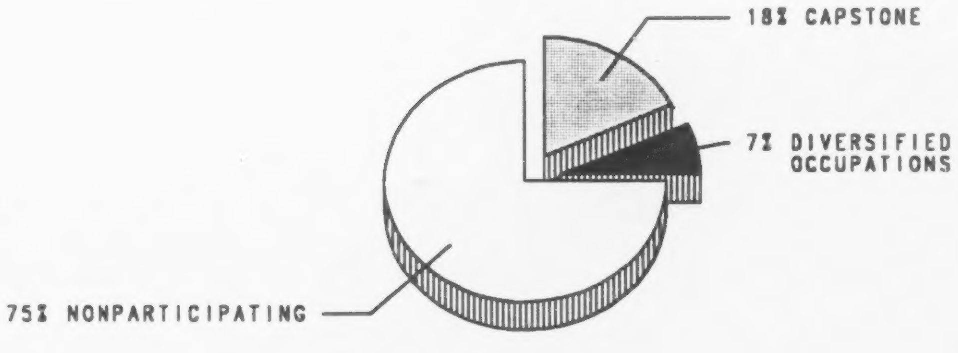


TABLE 4

VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS BY RACE AND SEX
1988-89

	Total		American Indian/ Alaskan Native		Asian/ Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
TOTAL	62 417	68 841	66	56	278	236	9 090	10 502	1530	1505	51 453	56 542
Agriculture Education	5 322	1 596	2	1	4	3	104	90	17	11	5 195	1 491
Business Education	5 671	20 605	6	11	37	48	1 333	3 133	116	457	4 179	16 956
Health Occupations Education	172	3 090	1	5	5	12	68	513	3	68	95	2 492
Marketing & Distributive Education	1 664	2 900	3	3	6	10	327	422	24	33	1 304	2 432
Occupational Home Econ. Education	2 063	4 122	1	3	12	10	775	1 023	68	189	1 207	2 897
Trade & Industrial Education	35 503	10 101	45	25	159	29	4 750	1 555	1 049	275	29 500	8 217
Not Elsewhere Classified	3 244	2 275	6	2	22	9	224	175	157	128	2 835	1 961
Consumer and Homemaking Education	8 278	24 112	2	6	23	114	1 480	3 585	94	342	6 679	20 065
Industrial Arts Education	500	40	0	0	10	1	29	6	2	2	459	31

FIGURE 5
PUBLIC SCHOOL ENROLLMENTS BY RACE
VOCATIONAL VS NON-VOCATIONAL
GRADES 10-12
1988-89

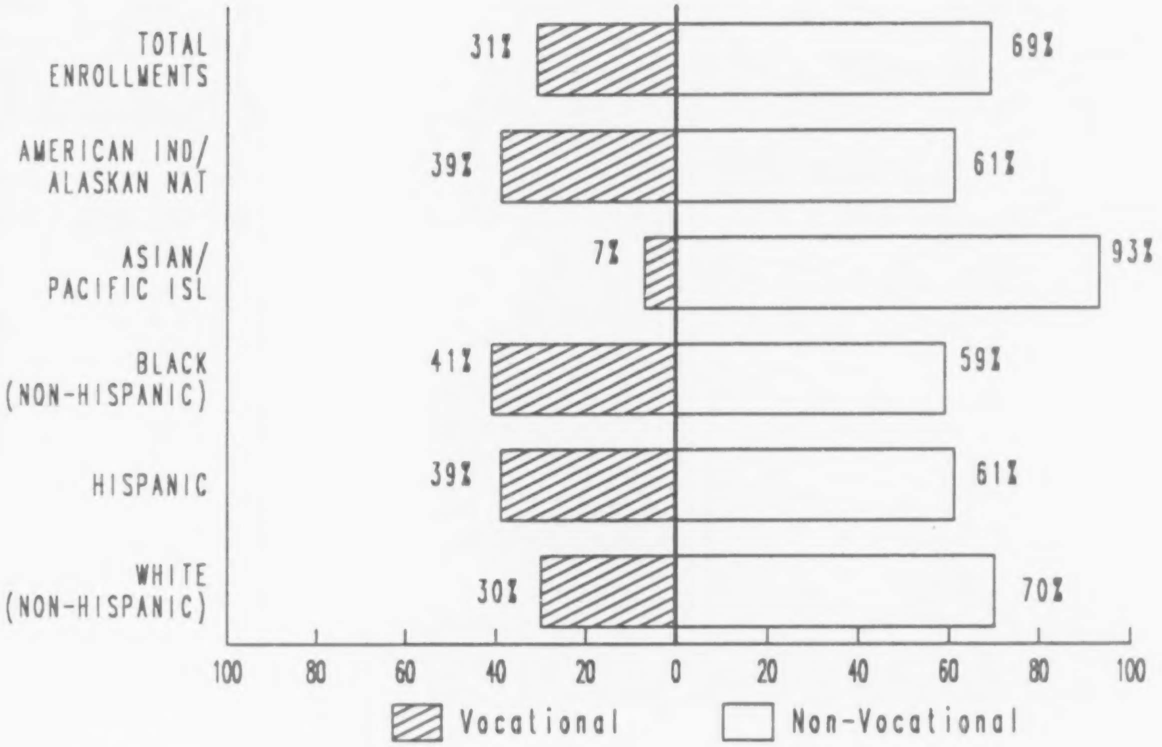


FIGURE 6
AVTSs BY NUMBER OF VOCATIONAL SECONDARY ENROLLMENTS
1988-89

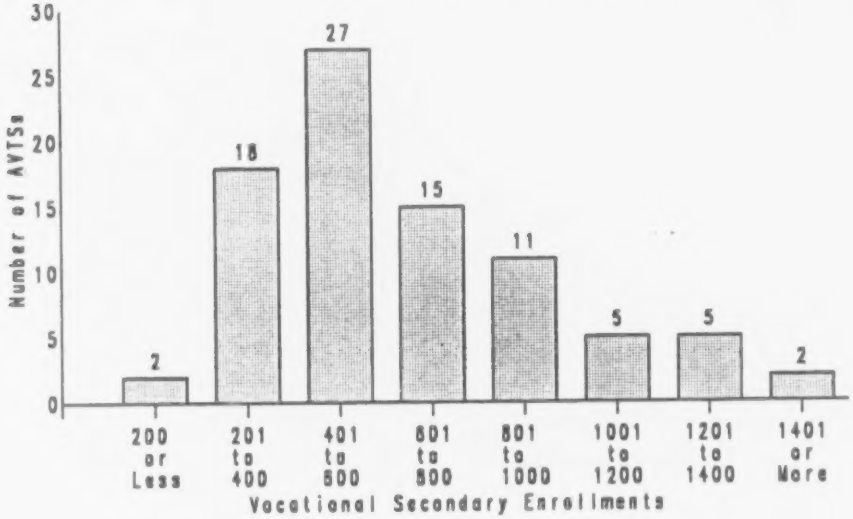


FIGURE 7
HIGH SCHOOLS BY NUMBER OF VOCATIONAL SECONDARY ENROLLMENTS
1988-89

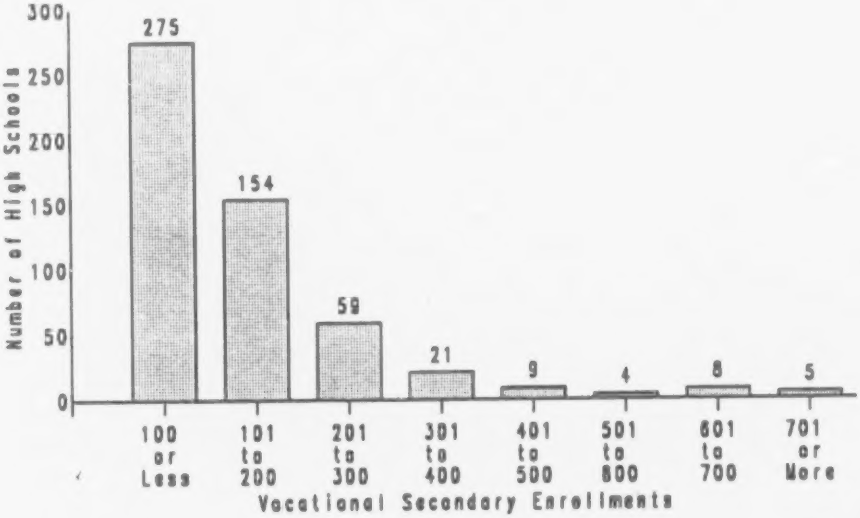


TABLE 5

VOCATIONAL EDUCATION SECONDARY PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION
1988-89

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments
TOTAL	3 749	131 258	2 135	73 772	1 554	54 339	29	2 095	31	1 052
Agriculture Education	219	6 918	160	5 254	56	1 583	3	81	0	0
Agribus & ag production, other	1	22	0	0	1	22	0	0	0	0
Agricultural mechanics	22	612	18	534	4	78	0	0	0	0
Agricultural production	142	4 617	130	4 323	11	273	1	21	0	0
Agricultural products	1	93	0	0	1	93	0	0	0	0
Agricultural resources	4	97	2	57	2	40	0	0	0	0
Agricultural technology	1	28	0	6	1	28	0	0	0	0
Forestry production/processing	5	139	3	67	2	72	0	0	0	0
Horticulture	41	1 228	7	273	33	937	1	18	0	0
Lumbering	1	40	0	0	1	40	0	0	0	0
Multi-skill, agriculture	1	42	0	0	0	0	1	42	0	0
Business Education	1 278	26 276	1 216	22 993	58	3 027	4	256	0	0
Accounting, general	389	8 193	376	7 282	12	851	1	60	0	0
Business data processing	43	1 268	21	272	22	996	0	0	0	0
Business education, other	1	8	1	8	0	0	0	0	0	0
Multi-skill, business	7	159	6	135	0	0	1	24	0	0
Secretarial, general	410	6 036	397	5 410	12	549	1	77	0	0
Typing, general office	428	10 612	415	9 886	12	631	1	95	0	0
Health Occupations Education	117	3 262	17	298	100	2 964	0	0	0	0
Clinical lab assisting	4	85	1	22	3	63	0	0	0	0
Dental assisting	14	289	1	18	13	271	0	0	0	0
Dental lab technology	1	28	1	28	0	0	0	0	0	0
Health assisting	66	2 034	3	65	63	1 969	0	0	0	0
Health related technology	5	168	2	49	3	119	0	0	0	0
Home health aide	4	83	1	6	3	77	0	0	0	0
Medical assisting	7	217	0	0	7	217	0	0	0	0
Microbiology technology	1	23	0	0	1	23	0	0	0	0
Nursing assisting	15	335	8	110	7	225	0	0	0	0

TABLE 5

VOCATIONAL EDUCATION SECONDARY PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION--Continued
1988-89

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments
Marketing and Distributive Education	126	4 564	58	2 509	66	2 034	2	21	0	0
Marketing & distribution	105	4 093	57	2 500	47	1 591	1	2	0	0
Multi-skill mrkting & dist education	1	19	0	0	0	0	1	19	0	0
Transportation & travel marketing	2	64	0	0	2	64	0	0	0	0
Warehouse services marketing	18	388	1	9	17	379	0	0	0	0
Occupational Home Economics Education	187	6 185	54	1 922	128	4 115	2	84	3	64
Baking	13	355	2	35	11	320	0	0	0	0
Child care services	26	715	13	384	13	331	0	0	0	0
Cloth/textiles mgmt/production	19	417	5	87	14	330	0	0	0	0
Custodial services	2	62	1	46	1	16	0	0	0	0
Dietetic aide/assisting	1	13	0	0	1	13	0	0	0	0
Dressmaking	1	19	0	0	1	19	0	0	0	0
Food production, mgmt, & service	109	4 259	25	1 204	80	2 935	2	84	2	36
Homemaker's aide	1	17	0	0	1	17	0	0	0	0
Institutional/home mgmt service	3	35	1	7	2	28	0	0	0	0
Interior design	1	27	0	0	1	27	0	0	0	0
Occupation home economics, other	3	90	1	21	1	41	0	0	1	28
Power sewing	4	89	2	51	2	38	0	0	0	0
Tailoring	4	87	4	87	0	0	0	0	0	0
Trade and Industrial Education	1 341	45 604	188	5 493	1 120	39 854	6	124	27	933
Aircraft mechanics	3	57	0	0	3	57	0	0	0	0
Appliance repair	13	270	2	18	11	252	0	0	0	0
Arch design technology	5	158	1	21	4	137	0	0	0	0
Architectural drafting	1	13	1	13	0	0	0	0	0	0
Audio-visual communications	10	241	2	76	8	165	0	0	0	0
Auto diesel mechanic	6	243	1	42	5	201	0	0	0	0
Automotive body repair	96	3 092	13	409	81	2 636	1	18	1	29
Automotive mechanics	111	4 824	22	871	85	3 868	1	20	3	65
Automotive occupations	2	49	1	20	1	29	0	0	0	0
Automotive specialist	9	348	2	105	7	243	0	0	0	0

TABLE 5

VOCATIONAL EDUCATION SECONDARY PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION--Continued
1988-89

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments
Trade and Industrial Education--Continued										
Building & property maintenance	1	25	0	0	0	0	0	0	1	25
Building construct occupations	24	949	8	340	14	593	1	13	1	3
Building trades maintenance	51	1 442	7	211	41	1 153	0	0	3	78
Carpentry	88	4 042	10	264	74	3 606	0	0	4	172
Chemical technology	1	11	0	0	1	11	0	0	0	0
Civil technology	2	36	0	0	2	36	0	0	0	0
Commercial art	39	1 470	5	147	34	1 323	0	0	0	0
Commercial photography	1	31	0	0	1	31	0	0	0	0
Communication electronics	18	417	7	151	11	266	0	0	0	0
Computer & information sciences	48	2 042	0	0	48	2 042	0	0	0	0
Computer servicing technology	8	151	1	9	7	142	0	0	0	0
Cosmetology	91	5 601	8	390	82	5 178	0	0	1	33
Diesel engine mechanics	24	732	1	15	23	717	0	0	0	0
Drafting	29	848	7	277	22	571	0	0	0	0
Drafting & design technology	7	143	1	26	6	117	0	0	0	0
Dryclean/launder services	2	67	2	67	0	0	0	0	0	0
Electrical occupations	36	1 005	5	122	31	883	0	0	0	0
Electrical technology	10	411	0	0	10	411	0	0	0	0
Electrical, constr/maint	29	813	4	75	24	734	0	0	1	4
Electrical, industrial	10	289	3	43	7	246	0	0	0	0
Electromechanical technology	10	338	1	18	9	320	0	0	0	0
Electronic technology	64	1 666	9	176	55	1 490	0	0	0	0
Electronics	8	260	2	64	5	111	0	0	1	85
Engineering related technology	1	42	0	0	1	42	0	0	0	0
Environment control technology	3	142	1	78	2	64	0	0	0	0
Foundry work	1	9	0	0	1	9	0	0	0	0
Graphic arts	52	1 530	8	152	43	1 354	0	0	1	24
Graphics occupations	5	118	0	0	5	118	0	0	0	0
Heating	6	109	0	0	6	109	0	0	0	0
Heating, air cond, refrigeration	24	627	2	32	22	595	0	0	0	0
Heavy equip maintenance/repair	5	172	0	0	5	172	0	0	0	0
Hydraulics/fluid power	1	3	0	0	1	3	0	0	0	0
Industrial production maintenance	8	311	2	74	5	213	1	24	0	0
Instrument maintenance/repair	1	32	0	0	1	32	0	0	0	0
Law enforcement	2	60	1	29	1	31	0	0	0	0

TABLE 5

VOCATIONAL EDUCATION SECONDARY PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION--Continued
1988-89

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments
Trade and Industrial Education--Concluded										
Lineworker	1	37	0	0	1	37	0	0	0	0
Machine shop	76	1 999	11	230	65	1 769	0	0	0	0
Masonry	48	1 356	4	73	43	1 276	0	0	1	7
Masonry occupations	2	53	0	0	2	53	0	0	0	0
Meatcutting	3	56	0	0	3	56	0	0	0	0
Mech drafting/design technology	29	918	6	111	23	807	0	0	0	0
Mechanical drafting	1	16	0	0	1	16	0	0	0	0
Metal fabrication	6	211	0	0	6	211	0	0	0	0
Metalworking occupations	3	49	0	0	3	49	0	0	0	0
Millwork & cabinet making	30	721	8	240	22	481	0	0	0	0
Mine equipment maintenance	1	30	0	0	1	30	0	0	0	0
Multi-skill trade & industrial	5	522	2	105	1	368	2	49	0	0
Optical technology	2	27	0	0	2	27	0	0	0	0
Painting and decorating	11	206	0	0	11	206	0	0	0	0
Patternmaking	1	28	0	0	1	28	0	0	0	0
Petroleum technology	2	55	1	29	1	26	0	0	0	0
Plumbing	37	848	1	14	34	828	0	0	2	6
Power mechanics occupations	4	159	2	74	2	85	0	0	0	0
Printing press operations	1	56	0	0	1	56	0	0	0	0
Security services	1	30	0	0	1	30	0	0	0	0
Sheet metal	11	210	1	17	10	193	0	0	0	0
Silk screen printing	1	11	1	11	0	0	0	0	0	0
Small engine repair	19	373	4	82	12	218	0	0	3	73
Tool and die making	4	164	0	0	4	164	0	0	0	0
Typesetting & composition	1	12	1	12	0	0	0	0	0	0
Upholstering	4	125	2	59	2	66	0	0	0	0
Welding	70	1 953	4	101	63	1 663	0	0	3	189
Woodworking, general	1	140	0	0	0	0	0	0	1	140

TABLE 5

VOCATIONAL EDUCATION SECONDARY PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION--Concluded 1988-89

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments	Programs	Enroll-ments
Not Elsewhere Classified	119	5 519	81	2 394	26	1 562	11	1 508	1	55
Diversified occupations	85	2 579	69	1 829	14	719	2	31	0	0
Pre-vocational/voc assessment	15	1 961	7	408	4	265	4	1 288	0	0
Vocational education, other	19	979	5	157	8	578	5	189	1	55
Consumer and Homemaking Education	358	32 390	357	32 369	0	0	1	21	0	0
Clothing and textiles	2	46	2	46	0	0	0	0	0	0
Comprehensive home economics	355	32 328	354	32 307	0	0	1	21	0	0
Food and nutrition	1	16	1	16	0	0	0	0	0	0
Industrial Arts Education	4	540	4	540	0	0	0	0	0	0
Industrial arts	4	540	4	540	0	0	0	0	0	0

NOTE: This table includes data for 178 programs not approved under the State Board of Education regulations and Pennsylvania Department of Education standards for vocational education.

FIGURE 8
APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS
NEW VS TERMINATED/DELETED
1988-89

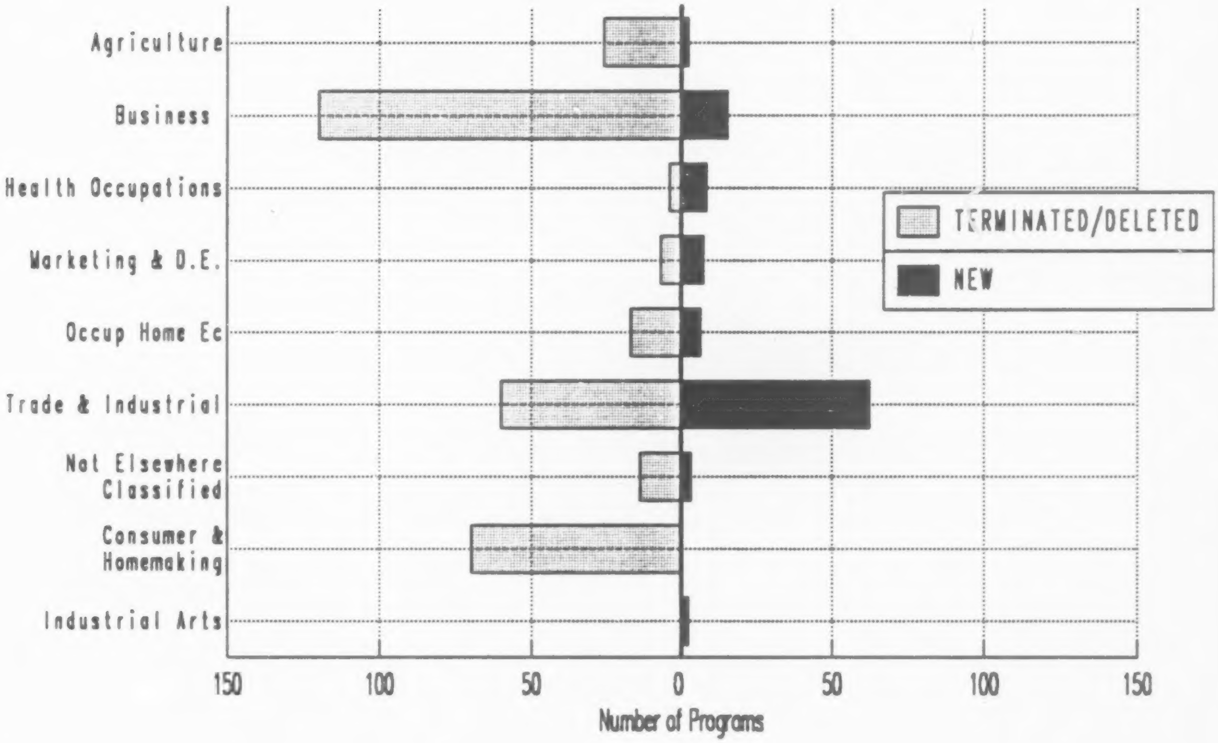
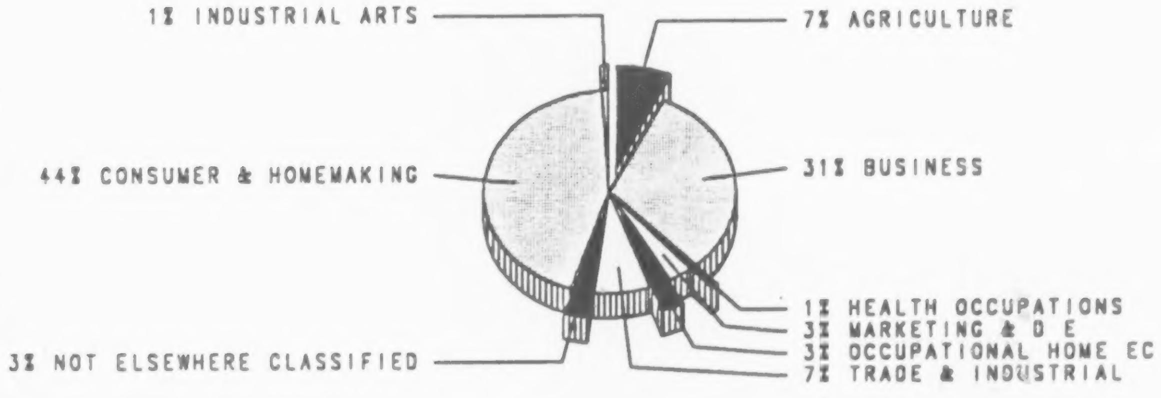
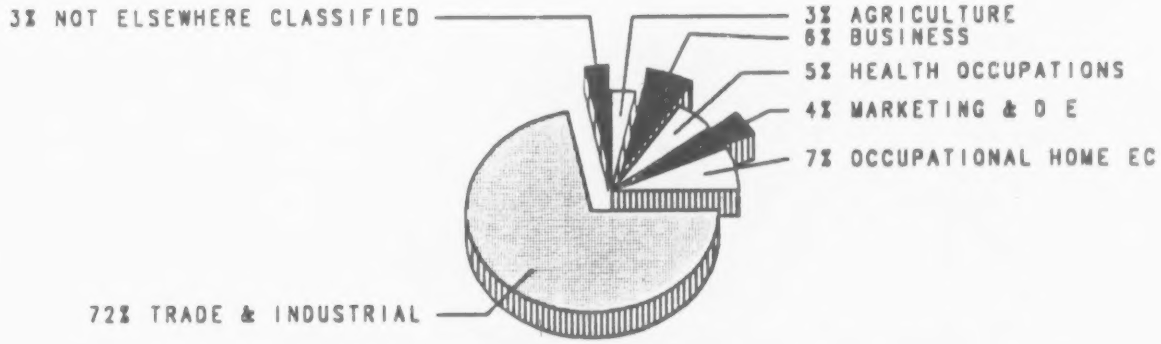


FIGURE
VOCATIONAL EDUCATION SECONDARY PROGRAM



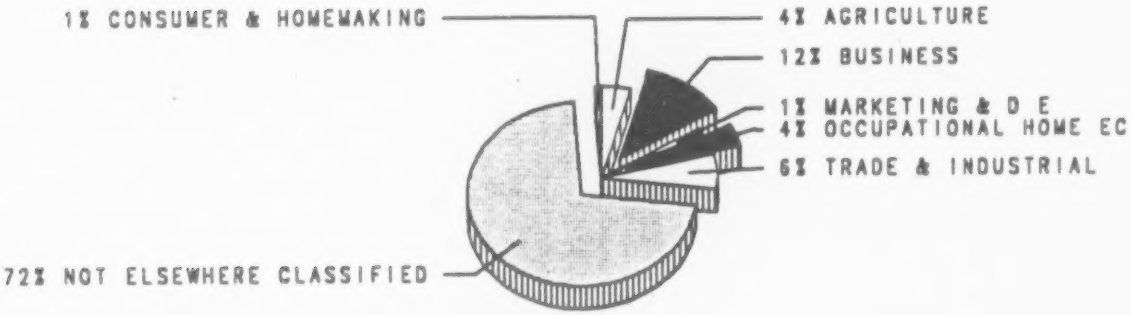
HIGH SCHOOL



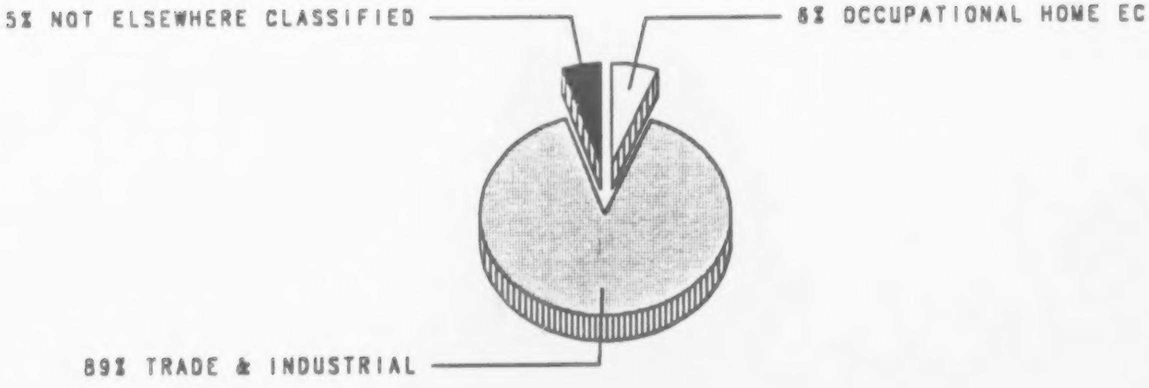
AVTS

9

ENROLLMENTS BY TYPE OF INSTITUTION, 1988-89



INTERMEDIATE UNIT



CORRECTIONAL INSTITUTION

TABLE 6

VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS
1988-89

	Total Vocational Enrollments	Handicapped		Disadvantaged	
		Enrollments	%	Enrollments	%
TOTAL	130 206	14 678	11.3	41 209	31.6
Agriculture Education	6 918	1 007	14.6	2 038	29.5
Agribus & ag production, other	22	0	0.0	22	100.0
Agricultural mechanics	612	39	6.4	186	30.4
Agricultural production	4 617	577	12.5	1 166	25.3
Agricultural products	93	1	1.1	90	96.8
Agricultural resources	97	1	1.0	36	37.1
Agricultural technology	28	7	25.0	9	32.1
Forestry production/processing	139	25	18.0	47	33.8
Horticulture	1 228	298	24.3	472	38.4
Lumbering	40	17	42.5	10	25.0
Multi-skill, agriculture	42	42	100.0	0	0.0
Business Education	26 276	580	2.2	8 200	31.2
Accounting, general	8 193	101	1.2	2 406	29.4
Business data processing	1 268	53	4.2	312	24.6
Business education, other	8	0	0.0	8	100.0
Multi-skill, business	159	24	15.1	135	84.9
Secretarial, general	6 036	38	0.6	1 608	26.6
Typing, general office	10 612	364	3.4	3 731	35.2
Health occupations education	3 262	394	12.1	1 232	37.8
Clinical lab assisting	85	0	0.0	40	47.1
Dental assisting	289	18	6.2	97	33.6
Dental lab technology	28	0	0.0	15	53.6
Health assisting	2 034	282	13.9	713	35.1
Health related technology	168	0	0.0	114	67.9
Home health aide	83	12	14.5	36	43.4
Medical assisting	217	32	14.7	34	15.7
Microbiology technology	23	2	8.7	7	30.4
Nursing assisting	335	48	14.3	176	52.5

TABLE 6

VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS--Continued
1988-89

	Total Vocational Enrollments	Handicapped		Disadvantaged	
		Enrollments	%	Enrollments	%
Marketing & Distributive Education	4 564	417	9.1	1 505	33.0
Marketing & distribution	4 093	253	6.2	1 376	33.6
Multi-skill marketing & dist ed	19	19	100.0	0	0.0
Transportation & travel marketing	64	2	3.1	11	17.2
Warehouse services marketing	388	143	36.9	118	30.4
Occupational Home Economics Education	6 121	1 671	27.3	2 538	41.5
Baking	355	105	29.6	149	42.0
Child care services	715	107	15.0	313	43.8
Cloth/textiles mgt/production	417	97	23.3	175	42.0
Custodial services	62	62	100.0	0	0.0
Dietetic aide/assisting	13	0	0.0	6	46.2
Dressmaking	19	2	10.5	17	89.5
Food production, mgmt, & service	4 223	1 167	27.6	1 764	41.8
Homemaker's aide	17	2	11.8	13	76.5
Instit/home mgmt services	35	32	91.4	0	0.0
Interior design	27	2	7.4	11	40.7
Occupational home economics, other	62	14	22.6	13	21.0
Power sewing	89	45	50.6	38	42.7
Tailoring	87	36	41.4	39	44.8
Trade & Industrial Education	44 671	7 299	16.3	15 587	34.9
Aircraft mechanics	57	3	5.3	11	19.3
Appliance repair	270	70	25.9	66	24.4
Arch design technology	158	8	5.1	81	51.3
Architectural drafting	13	3	23.1	6	46.2
Audio-visual commun	241	57	23.7	76	31.5
Auto diesel mechanic	243	45	18.5	69	28.4
Automotive body repair	3 063	805	26.3	1 060	34.6
Automotive mechanics	4 759	856	18.0	1 755	36.9
Automotive occupations	49	30	61.2	7	14.3
Automotive specialist	348	34	9.8	164	47.1

TABLE 6

VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS--Continued
1988-89

	Total Vocational Enrollments	Handicapped		Disadvantaged	
		Enrollments	%	Enrollments	%
Trade and Industrial Education--Continued					
Building construct occupations	946	272	28.8	324	34.2
Building trades maintenance	1 364	466	34.2	458	33.6
Carpentry	3 870	636	16.4	1 206	31.2
Chemical technology	11	0	0.0	8	72.7
Civil technology	36	4	11.1	7	19.4
Commercial art	1 470	174	11.8	524	35.6
Commercial photography	31	4	12.9	3	9.7
Communication electronic	417	42	10.1	237	56.8
Computer & information sciences	2 042	136	6.7	647	31.7
Computer servicing technology	151	13	8.6	30	19.9
Cosmetology	5 568	369	6.6	1 840	33.0
Diesel engine mechanics	732	153	20.9	213	29.1
Drafting	848	70	8.3	361	42.6
Drafting & design technology	143	6	4.2	33	23.1
Dryclean/launder services	67	31	46.3	28	41.8
Electrical occupations	1 005	119	11.8	343	34.1
Electrical technology	411	18	4.4	211	51.3
Electrical, const/maintenance	809	112	13.8	256	31.6
Electrical, industrial	289	31	10.7	116	40.1
Electromechanical technology	338	20	5.9	152	45.0
Electronic technology	1 666	69	4.1	566	34.0
Electronics	175	15	8.6	77	44.0
Engineering related technology	42	0	0.0	4	9.5
Environment control technology	142	6	4.2	96	67.6
Foundry work	9	0	0.0	7	77.8
Graphic arts	1 506	215	14.3	557	37.0
Graphics occupations	118	20	16.9	54	45.8
Heating	109	21	19.3	53	48.6
Heating, air cond, refrigeration	627	86	13.7	246	39.2
Heavy equip maintenance/repair	172	32	18.6	40	23.3
Hydraulics/fluid power	3	0	0.0	1	33.3
Industrial production maintenance	311	296	95.2	6	1.9

TABLE 6

VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS--Continued
1988-89

	Total Vocational Enrollments	Handicapped		Disadvantaged	
		Enrollments	%	Enrollments	%
Trade and Industrial Education--Concluded					
Instrument maintenance/repair	32	1	3.1	26	81.3
Law enforcement	60	4	6.7	19	31.7
Lineworker	37	7	18.9	11	29.7
Machine shop	1 999	256	12.8	654	32.7
Masonry	1 349	360	26.7	392	29.1
Masonry occupations	53	15	28.3	14	26.4
Meatcutting	56	14	25.0	32	57.1
Mech drafting/design technology	918	46	5.0	305	33.2
Mechanical drafting	16	1	6.3	4	25.0
Metal fabrication	211	34	16.1	81	38.4
Metalworking occupations	49	8	16.3	12	24.5
Millwork & cabinet making	721	135	18.7	243	33.7
Mine equipment maintenance	30	3	10.0	17	56.7
Multi-skill trade & industrial	522	102	19.5	420	80.5
Optical technology	27	3	11.1	23	85.2
Painting and decorating	206	64	31.1	62	30.1
Patternmaking	28	1	3.6	21	75.0
Petroleum technology	55	15	27.3	8	14.5
Plumbing	842	192	22.8	243	28.9
Power mechanics occupations	159	28	17.6	30	18.9
Printing press operations	56	13	23.2	27	48.2
Security services	30	11	36.7	19	63.3
Sheet metal	210	32	15.2	116	55.2
Silk screen printing	11	0	0.0	11	100.0
Small engine repair	300	89	29.7	89	29.7
Tool and die making	164	4	2.4	34	20.7
Typesetting & composition	12	1	8.3	11	91.7
Upholstering	125	48	38.4	43	34.4
Welding	1 764	465	26.4	621	35.2
Not Elsewhere Classified	5 464	1 283	23.5	2 280	41.7
Diversified occupations	2 579	179	6.9	499	19.3
Pre-vocational/voc assessment	1 961	609	31.1	1 352	68.9
Vocational education, other	924	495	53.6	429	46.4

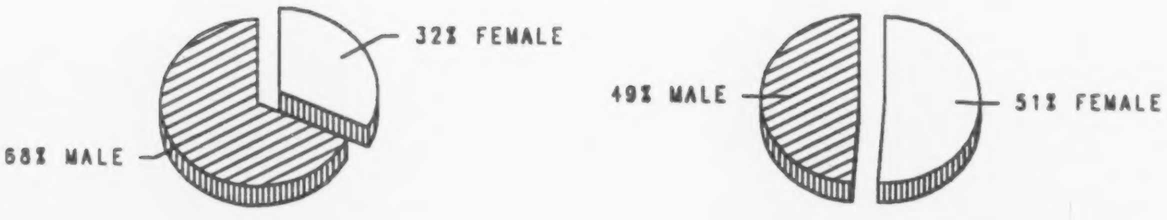
TABLE 6

VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS--Concluded
1988-89

	Total Vocational Enrollments	Handicapped		Disadvantaged	
		Enrollments	%	Enrollments	%
Consumer and Homemaking Education	32 390	1 983	6.1	7 691	23.7
Clothing and textiles	46	5	10.9	33	71.7
Comprehensive home economics	32 328	1 974	6.1	7 651	23.7
Food and nutrition	16	4	25.0	7	43.8
Industrial Arts Education	540	44	8.1	138	25.6
Industrial arts	540	44	8.1	138	25.6

NOTE: This data does not include 1,052 incarcerated juveniles.

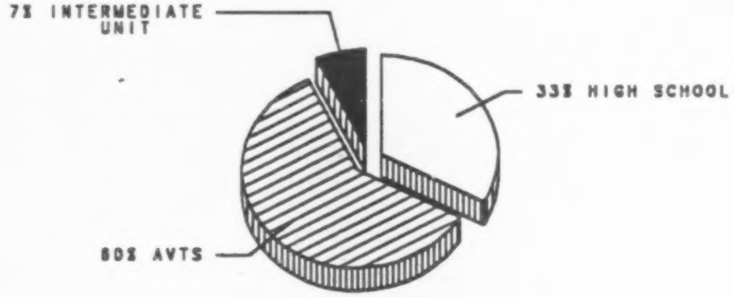
FIGURE 10
VOCATIONAL EDUCATION SECONDARY SPECIAL
NEEDS ENROLLMENTS BY SEX
1988-89



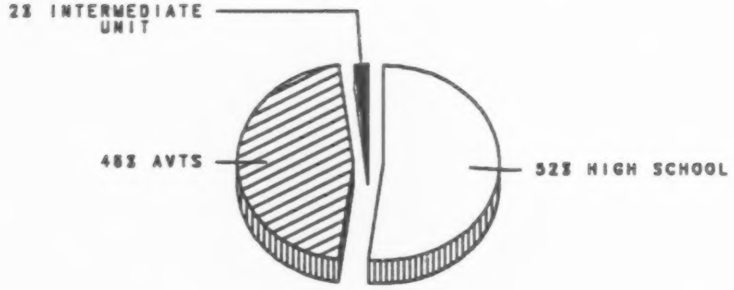
HANDICAPPED

DISADVANTAGED

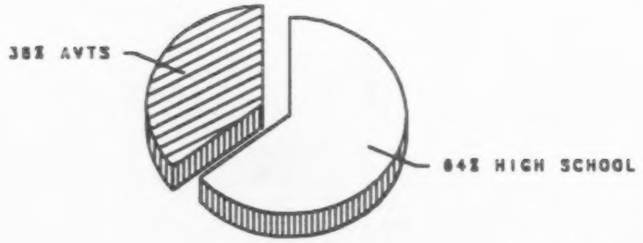
FIGURE 11
VOCATIONAL EDUCATION SECONDARY SPECIAL NEEDS ENROLLMENTS BY TYPE OF INSTITUTION
1988-89



HANDICAPPED



DISADVANTAGED
(includes limited English proficiency)



LIMITED ENGLISH PROFICIENCY

TABLE 7

STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS
1989 FOLLOW-UP SURVEY

		Percent of Respondents						
		Gainfully Placed					Unemployed	
	1987-88 Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
Total	38 547	35.9	24.5	5.8	23.7	89.9	6.6	3.5
Agriculture Education	1 906	32.8	33.5	8.3	16.5	91.1	5.9	3.0
Agribus & ag prod, other	36	14.3	14.3	7.1	64.3	100.0	0.0	0.0
Agricultural mechanics	215	22.8	33.7	20.7	15.2	92.4	6.5	1.1
Agricultural production	1 060	36.8	32.4	8.4	15.4	93.0	4.7	2.3
Agricultural products	50	29.2	12.5	4.2	50.0	95.8	4.2	0.0
Agricultural resources	39	0.0	40.0	20.0	35.0	95.0	5.0	0.0
Agricultural technology	5	50.0	0.0	50.0	0.0	100.0	0.0	0.0
Forestry prod/processing	44	26.7	40.0	6.7	16.7	90.0	6.7	3.3
Horticulture	449	32.3	38.6	2.2	11.7	84.8	9.0	6.3
Lumbering	8	100.0	0.0	0.0	0.0	100.0	0.0	0.0
Business Education	14 124	31.8	20.3	2.5	35.6	90.2	6.3	3.4
Accounting, general	4 227	21.6	21.9	3.0	46.1	92.6	4.2	3.2
Business data processing	515	36.5	20.4	5.3	28.3	90.5	5.9	3.6
Business education, other	6	0.0	0.0	0.0	66.7	66.7	33.3	0.0
Secretarial, general	3 724	41.9	17.1	1.4	30.0	90.4	6.0	3.6
Typing, general office	5 652	31.4	21.8	2.8	32.1	88.1	8.4	3.5
Health Occupations Education	1 352	41.1	19.0	2.5	25.8	88.4	7.0	4.6
Clinical lab assisting	42	12.5	16.7	4.2	54.2	87.5	12.5	0.0
Dental assisting	163	40.0	24.0	2.0	23.0	89.0	6.0	5.0
Dental lab technology	9	0.0	0.0	0.0	66.7	66.7	33.3	0.0
Health assisting	768	45.8	19.6	2.8	21.4	89.5	5.7	4.8
Health related technology	79	21.6	2.7	2.7	64.9	91.9	2.7	5.4
Home health aide	42	35.0	5.0	0.0	15.0	55.0	30.0	15.0
Medical assisting	98	38.3	18.3	3.3	28.3	88.3	6.7	5.0
Microbiology technology	12	36.4	36.4	0.0	27.3	100.0	0.0	0.0
Nursing assisting	139	38.9	20.4	0.0	27.8	87.0	13.0	0.0

TABLE 7

STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS--Continued
1989 FOLLOW-UP SURVEY

	1987-88 Completers	Percent of Respondents						
		Gainfully Placed					Unemployed	
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
Marketing and Distributive Education	2 059	36.7	23.5	3.7	22.7	86.6	8.1	5.3
Marketing & distribution	1 873	36.9	22.8	3.6	23.0	86.3	8.2	5.5
Trans & travel marketing	38	18.8	31.3	0.0	50.0	100.0	0.0	0.0
Warehouse services marketing	148	39.1	30.4	5.8	11.6	87.0	8.7	4.3
Occupational Home Economics Education	1 920	34.8	23.3	4.5	16.2	78.8	11.9	9.3
Baking	109	23.3	32.6	7.0	14.0	76.7	11.6	11.6
Child care services	196	31.9	28.6	1.1	24.2	85.7	5.5	8.8
Cloth/textiles mgt/prod	144	32.8	26.6	3.1	15.6	78.1	12.5	9.4
Custodial services	12	66.7	0.0	0.0	0.0	66.7	33.3	0.0
Dietetic aide/assisting	6	0.0	33.3	33.3	0.0	66.7	33.3	0.0
Dressmaking	12	0.0	20.0	0.0	40.0	60.0	20.0	20.0
Food prod, mgmnt, & serv	1 345	37.1	21.4	5.0	15.2	78.6	12.1	9.2
Instit/home mgmnt service	30	25.0	50.0	0.0	0.0	75.0	0.0	25.0
Interior design	6	0.0	75.0	0.0	0.0	75.0	25.0	0.0
Occupation home econ, other	13	50.0	0.0	0.0	16.7	66.7	16.7	16.7
Power sewing	11	0.0	33.3	0.0	33.3	66.7	33.3	0.0
Tailoring	36	0.0	28.6	0.0	42.9	71.4	28.6	0.0
Trade and Industrial Education	14 917	39.4	27.7	9.3	14.7	91.1	6.4	2.5
Aircraft mechanics	27	13.3	20.0	26.7	26.7	86.7	0.0	13.3
Appliance repair	81	25.0	43.8	12.5	12.5	93.8	3.1	3.1
Arch design technology	38	31.6	21.1	5.3	42.1	100.0	0.0	0.0
Audio-visual commun	78	18.4	42.1	5.3	13.2	78.9	15.8	5.3
Auto diesel mechanic	95	37.2	27.9	23.3	11.6	100.0	0.0	0.0
Automotive body repair	1 035	33.6	37.4	9.9	8.5	89.4	9.4	1.2
Automotive mechanics	1 514	40.0	30.5	9.8	12.0	92.4	5.9	1.8
Automotive occupations	16	20.0	20.0	20.0	20.0	80.0	0.0	20.0
Automotive specialist	166	43.1	27.8	12.5	9.7	93.1	6.9	0.0
Building construct occupations	229	46.3	19.0	11.6	11.6	88.4	9.9	1.7
Building trades maintenance	378	34.4	31.7	10.6	8.3	85.0	13.3	1.7
Carpentry	1 168	49.8	25.1	9.7	8.4	93.0	6.1	0.8

TABLE 7

STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS--Continued
1989 FOLLOW-UP SURVEY

	1987-88 Completers	Percent of Respondents						
		Gainfully Placed					Unemployed	
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
Trade and Industrial Education--Continued								
Chemical technology	13	0.0	50.0	20.0	20.0	90.0	0.0	10.0
Civil technology	22	16.7	33.3	16.7	33.3	100.0	0.0	0.0
Commercial art	496	16.5	24.3	7.0	39.1	86.8	6.6	6.6
Commercial photography	9	0.0	0.0	0.0	50.0	50.0	0.0	50.0
Communication electronics	205	17.0	34.0	12.8	29.8	93.6	6.4	0.0
Computer & info sciences	846	27.2	27.0	8.6	28.5	91.4	5.6	3.0
Computer servicing technology	42	8.3	37.5	29.2	20.8	95.8	4.2	0.0
Cosmetology	1 891	47.3	30.1	0.9	8.5	86.7	6.9	6.4
Diesel engine mechanics	258	50.0	29.2	10.8	7.7	97.7	0.8	1.5
Drafting	297	26.8	22.0	9.8	35.8	94.3	4.1	1.6
Drafting & design technology	54	23.1	23.1	0.0	53.8	100.0	0.0	0.0
Dryclean/launder services	13	0.0	33.3	0.0	33.3	66.7	33.3	0.0
Electrical occupations	351	40.3	24.5	12.8	16.8	94.4	4.6	1.0
Electrical technology	112	30.8	23.1	9.6	26.9	90.4	9.6	0.0
Electrical, const/maint	327	49.2	19.2	10.7	16.9	96.0	4.0	0.0
Electrical, industrial	113	41.1	21.4	14.3	14.3	91.1	7.1	1.8
Electromechanical technology	84	28.2	7.7	23.1	38.5	97.4	0.0	2.6
Electronic technology	614	17.7	23.2	22.9	32.9	96.6	2.7	0.6
Electronics	79	7.7	23.1	19.2	42.3	92.3	0.0	7.7
Engineering related techology	3	0.0	0.0	50.0	50.0	100.0	0.0	0.0
Environment control technology	23	40.0	40.0	0.0	10.0	90.0	0.0	10.0
Foundry work	3	100.0	0.0	0.0	0.0	100.0	0.0	0.0
Graphic arts	490	41.8	27.6	5.2	10.8	85.3	9.5	5.2
Graphics occupations	33	16.7	22.2	5.6	44.4	88.9	11.1	0.0
Heating	58	32.4	41.2	14.7	2.9	91.2	8.8	0.0
Heating, air cond, refrig	243	45.6	24.6	14.0	9.6	93.9	5.3	0.9
Heavy equip maint/repair	64	42.9	14.3	22.9	14.3	94.3	5.7	0.0
Instrument maint/repair	10	28.6	0.0	14.3	57.1	100.0	0.0	0.0
Law enforcement	25	22.2	44.4	0.0	33.3	100.0	0.0	0.0
Lineworker	25	21.4	50.0	14.3	0.0	85.7	7.1	7.1
Machine shop	758	56.2	22.8	9.0	6.5	94.4	4.8	0.7
Masonry	449	39.4	28.3	13.3	7.5	88.5	10.2	1.3
Masonry occupations	21	15.4	38.5	7.7	15.4	76.9	15.4	7.7

TABLE 7

STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS--Concluded
1989 FOLLOW-UP SURVEY

		Percent of Respondents						
		Gainfully Placed					Unemployed	
	1987-88 Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
Trade and Industrial Education--Concluded								
Meatcutting	33	53.3	20.0	6.7	0.0	80.0	6.7	13.3
Mech drafting/design technology	329	30.7	21.6	9.5	33.0	95.0	3.9	1.1
Mechanical drafting	7	0.0	33.3	0.0	66.7	100.0	0.0	0.0
Metal fabrication	52	53.3	30.0	3.3	3.3	90.0	6.7	3.3
Metallurgical technology	6	50.0	0.0	0.0	0.0	50.0	0.0	50.0
Metalworking occupations	27	38.5	23.1	23.1	0.0	84.6	15.4	0.0
Millwork & cabinet making	262	39.7	29.3	12.1	12.1	93.1	5.2	1.7
Mine equipment maintenance	9	20.0	60.0	0.0	20.0	100.0	0.0	0.0
Optical technology	4	50.0	50.0	0.0	0.0	100.0	0.0	0.0
Painting and decorating	74	11.1	61.1	0.0	13.9	86.1	5.6	8.3
Patternmaking	9	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Petroleum technology	18	14.3	57.1	14.3	14.3	100.0	0.0	0.0
Plumbing	289	51.1	27.8	8.3	3.8	91.0	8.3	0.8
Power mechanics occup	28	38.9	33.3	22.2	5.6	100.0	0.0	0.0
Printing press operations	11	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Security services	8	16.7	50.0	16.7	0.0	83.3	0.0	16.7
Sheet metal	49	42.9	42.9	0.0	0.0	85.7	9.5	4.8
Shoe and boot repair	9	0.0	0.0	0.0	100.0	100.0	0.0	0.0
Small engine repair	87	39.0	31.7	14.6	9.8	95.1	0.0	4.9
Tool & die design technology	19	55.6	22.2	11.1	11.1	100.0	0.0	0.0
Tool and die making	54	78.1	3.1	6.3	9.4	96.9	0.0	3.1
Upholstering	38	15.4	61.5	0.0	7.7	84.6	0.0	15.4
Welding	639	50.3	25.9	7.1	6.5	89.8	9.5	0.7
Not Elsewhere Classified	2 269	39.8	28.1	6.1	17.4	91.3	5.3	3.4
Diversified occupations	2 204	40.3	28.6	6.3	17.6	92.8	4.5	2.8
Vocational education, other	65	19.2	11.5	0.0	7.7	38.5	34.6	26.9

NOTE: 1. A student giving multiple responses is counted in only one of the employment status categories. A student who responded as pursuing additional education as well as either employed not related to training, unemployed looking, or unemployed not looking is counted only in the pursuing additional education category. A student who responded as both pursuing additional education and employed related to training is counted only in the employed related to training category. A student who responded as both pursuing additional education and military service is counted only in the military service category.

2. The 1987-88 completers include 736 adults who completed secondary programs.

TABLE 8

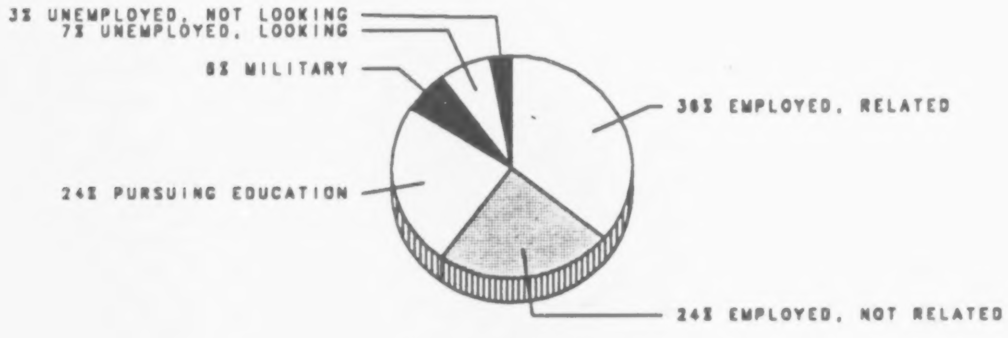
STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS BY TYPE OF INSTITUTION
1989 FOLLOW-UP SURVEY

	1987-88 Completers	Percent of Respondents						
		Gainfully Placed					Unemployed	
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
TOTAL	38 547	35.9	24.5	5.8	23.7	89.9	6.6	3.5
High School	19 496	31.3	22.6	3.9	32.5	90.3	6.4	3.3
AVTS	19 051	40.3	26.2	7.5	15.5	89.5	6.9	3.6
Agriculture Education	1 906	32.8	33.5	8.3	16.5	91.1	5.9	3.0
High School	1 260	33.9	32.7	10.2	16.7	93.5	4.7	1.8
AVTS	646	30.8	34.9	4.7	16.2	86.6	8.1	5.3
Business Education	14 124	31.8	20.3	2.5	35.6	90.2	6.3	3.4
High School	12 992	31.0	20.4	2.5	36.4	90.3	6.2	3.5
AVTS	1 132	41.0	19.6	3.3	26.2	90.1	7.1	2.8
Health Occupations Education	1 352	41.1	19.0	2.5	25.8	88.4	7.0	4.6
High School	175	21.9	18.8	3.1	46.9	90.6	9.4	.0
AVTS	1 177	42.9	19.0	2.4	23.9	88.2	6.8	5.0
Marketing and Distributive Education	2 059	36.7	23.5	3.7	22.7	86.6	8.1	5.3
High School	1 141	31.4	22.4	4.3	30.1	88.2	7.5	4.3
AVTS	918	42.2	24.7	3.1	14.9	84.9	8.7	6.4
Occupational Home Economics Education	1 920	34.8	23.3	4.5	16.2	78.8	11.9	9.3
High School	505	18.7	23.4	7.6	29.8	79.5	12.9	7.6
AVTS	1 415	38.6	23.3	3.7	13.0	78.7	11.6	9.7
Trade and Industrial Education	14 917	39.4	27.7	9.3	14.7	91.1	6.4	2.5
High School	1 670	25.5	28.7	9.7	24.4	88.3	10.1	1.6
AVTS	13 247	40.5	27.6	9.3	13.9	91.3	6.0	2.6
Not Elsewhere Classified	2 269	39.8	28.1	6.1	17.4	91.3	5.3	3.4
High School	1 753	40.0	29.2	5.9	18.4	93.5	3.8	2.7
AVTS	516	38.8	23.9	7.0	13.4	83.1	10.9	6.0

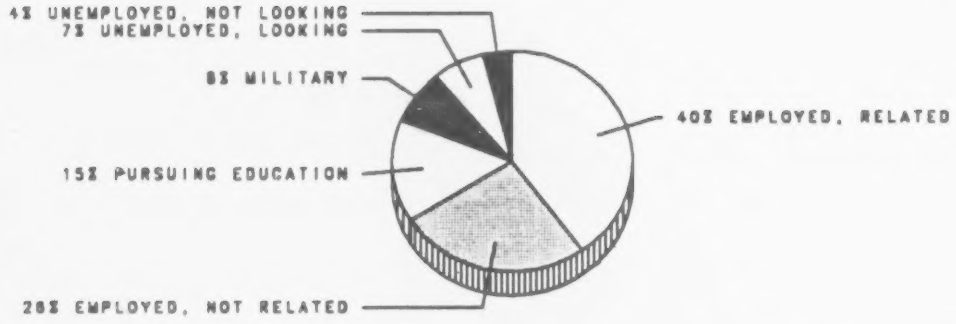
NOTE: 1. A student giving multiple responses is counted in only one of the employment status categories. A student who responded as pursuing additional education as well as either employed not related to training, unemployed looking, or unemployed not looking is counted only in the pursuing additional education category. A student who responded as both pursuing additional education and employed related to training is counted only in the employed related to training category. A student who responded as both pursuing additional education and military service is counted only in the military service category.

2. The 1987-88 completers include 736 adults who completed secondary programs.

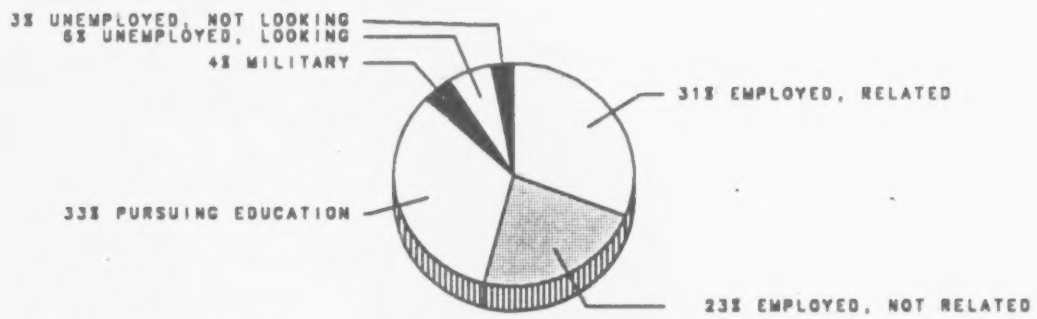
FIGURE 12
STATUS OF 1987-88 COMPLETERS OF APPROVED
VOCATIONAL EDUCATION SECONDARY PROGRAMS
1989 FOLLOW-UP SURVEY



TOTAL SECONDARY



AVTS ONLY



HIGH SCHOOL ONLY

TABLE 9

AVERAGE SALARY OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS 1989 FOLLOW-UP SURVEY

	Average Hourly Salary		
	Total	Male	Female
TOTAL	$ 6.05	$ 6.61	$ 5.54
Agriculture Education	5.57	5.84	4.63
Business Education	5.78	6.34	5.75
Health Occupations Education	5.34	-	5.34
Marketing and Distributive Education	5.20	5.68	5.05
Occupational Home Economics Education	4.82	5.26	4.53
Trade and Industrial Education	6.53	6.77	5.44
Not Elsewhere Classified	6.01	6.58	5.33

NOTE: 1. The average hourly salary was computed from salaries reported by respondents employed 35 or more hours per week in a field related to their training.

2. A dash (-) indicates insufficient response.

TABLE 10

TEACHERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS BY AGE
1988-89

	Total	Age Groups				
		21-30	31-40	41-50	51-60	Over 60
TOTAL	5 122	355	1 353	1 779	1 277	358
Agriculture Education	265	42	93	88	36	6
Business Education	2 056	145	455	839	505	112
Health Occupations Education	130	5	29	45	44	7
Marketing and Distributive Education	141	10	41	48	30	12
Occupational Home Economics Education	208	17	69	56	48	18
Trade and Industrial Education	1 532	101	350	434	473	174
Not Elsewhere Classified	92	1	29	33	23	6
Consumer and Homemaking Education	679	32	283	226	116	22
Industrial Arts Education	19	2	4	10	2	1

FIGURE 13
TEACHERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS BY SEX
1988-89

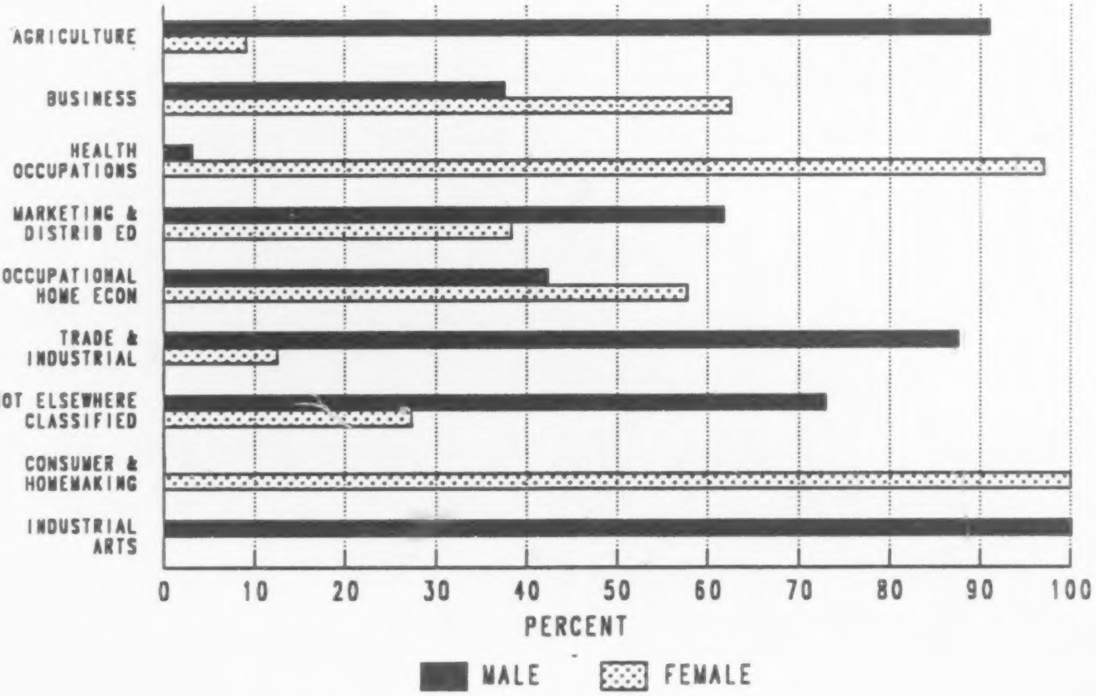


TABLE 11

TEACHERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS BY EDUCATION LEVEL AND AVERAGE ANNUAL SALARY 1988-89

	Total	Education Level						Average Annual Salary
		High School or Less	College 1 to 2 Years	College 3 Years	Bachelor's Degree	Master's Degree	Doctorate	
TOTAL	5 122	78	647	251	1 989	2 121	36	$ 30,718
Agriculture Education	265	1	4	2	146	102	10	29,242
Business Education	2 056	0	0	0	978	1 065	13	31,367
Health Occupations Education	130	0	17	21	43	46	3	29,423
Marketing and Distributive Education	141	0	3	3	49	82	4	33,020
Occupational Home Economics Education	208	5	42	17	71	73	0	30,267
Trade and Industrial Education	1 532	72	578	205	225	449	3	30,516
Not Elsewhere Classified	92	0	3	3	32	53	1	33,010
Consumer and Homemaking Education	679	0	0	0	442	235	2	29,103
Industrial Arts Education	19	0	0	0	3	16	0	36,750

NOTE: The average annual salary was calculated from salaries reported for teachers of vocational programs who are on full-time status.

APPENDIX A

GLOSSARY

ADULTS IN SECONDARY PROGRAMS - Enrollees in approved secondary vocational programs who are high school graduates or who have left high school prior to graduation.

APPROVED PROGRAM - A program offered by a local education agency certified in writing by the Pennsylvania Department of Education (PDE) as meeting the State Board of Education regulations and PDE standards for vocational education.

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS) - A specialized high school used principally for providing vocational education.

CAPSTONE - A cooperative education activity designed to enhance ("cap-off") the formal in-school vocational education program with a related employment experience.

COMPLETER - A student who has completed a planned sequence of courses designed to meet a vocational occupational objective.

COOPERATIVE EDUCATION - A method of providing on-the-job experience in a vocational education program. Through written arrangement between the school and employer, the student receives instruction, including required academic courses and related vocational instruction, by alternation of study in school with a job in any occupational field.

DELETED PROGRAM - A program that has been removed from the file of approved vocational programs by the Pennsylvania Department of Education for one of the following reasons: 1) failure to report enrollments for more than two consecutive years; or 2) failure to comply with program reporting and/or compliance requirements of the Department.

DIVERSIFIED OCCUPATIONS - A cooperative education activity for a group of students from more than one vocational education program or for students having a vocational career objective that cannot be met by any of the school's existing vocational programs.

INCARCERATED JUVENILE - An adjudicated juvenile delinquent (under 18 years of age, with certain exceptions) in a state correctional institution for youths.

NEW PROGRAM - A program which received approval from the Pennsylvania Department of Education to begin operating during the current school year.

NOT ELSEWHERE CLASSIFIED - A single-skill or special vocational education program that cannot be classified under any of the other eight program fields.

OCCUPATIONAL PROGRAM - A vocational education program that prepares students for employment. Includes all vocational education reported except consumer and homemaking education and industrial arts education.

PUBLIC SCHOOL ENROLLMENTS - An unduplicated headcount of students reported to the Pennsylvania Department of Education as being enrolled as of October 1 of the current school year.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa.

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

SECONDARY PROGRAM - A vocational education program offered in public secondary schools, intermediate units, and state correctional institutions to students in grades nine through twelve (including ungraded students in the same age group as those students in grades nine through twelve, and adults enrolled in secondary programs).

SPECIAL NEEDS CATEGORIES:

DISADVANTAGED - Refers to a student who is either academically or economically disadvantaged for reason other than handicapped. Includes those who are of limited English proficiency.

HANDICAPPED - Refers to a student evaluated as being brain damaged, deaf, hearing impaired, learning disabled, mentally retarded educable, mentally retarded trainable, mentally retarded severely/profoundly, physically handicapped, socially and emotionally disturbed, speech and language impaired, or visually impaired, who because of those impairments requires special education and related services.

LIMITED ENGLISH PROFICIENCY - Refers to a student who is a member of a national origin minority who does not speak and understand the English language in an instrucational setting well enough to benefit from vocational studies to the same extent as a student whose primary language is English. These students are considered to be disadvantaged.

TERMINATED PROGRAM - A program which, on the initiative of the local education agency, has been removed from the Pennsylvania Department of Education's file of approved programs.

APPENDIX B

SOURCES

1. Vocational Secondary Students Aggregate Enrollment Report (PDE-4051)

2. Adults Enrolled in Approved Secondary Vocational Programs (PDE-4090)

3. Special Federally Supported Handicapped or Disadvantaged Vocational Students Enrollment and Completer Report (PDE-4046-B)

4. Secondary Vocational Student Follow-up (PDE-4519)

5. Vocational Education Professional Personnel (Secondary Level) (PDE-5023)

6. Pennsylvania Department of Education. *Public Schools: Secondary Enrollments, 1988-89.*

7. Gray, Kenneth, Edith Isacke, and Wang, Dan-Shang. *Final Report: Comparative Analysis of High School Graduates in Central Pennsylvania from Vocational, Academic and General Curricula for the Years 1984-88.* Pennsylvania Department of Education, June 1989.

8. Pennsylvania Department of Labor and Industry. *Annual Planning Information Report, Fiscal Years 1987-1990.*

9. Pennsylvania Department of Education. *Public Schools: Full-Time Professional Personnel, 1988-89.*

Colleges and Universities

Fall Enrollments
1989

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Donald M. Carroll, Jr., Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
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April 1990

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

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HIGHLIGHTS

* The 146 colleges and universities reported a total enrollment of 556,927, of which 84.3 percent were undergraduate students, 2.5 percent were first-professional students, and 13.2 percent were graduate students.

* Of the total enrollment, 60.4 percent were enrolled in public institutions.

* The profile of undergraduate students showed that 69.2 percent attended full-time and 54.8 percent were women.

* The profile of first-professional students showed that 95.7 percent attended full-time and 38.5 percent were women.

* The profile of graduate students showed that 35.8 percent attended full-time and 51.6 percent were women.

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OVERVIEW

Fall enrollments at colleges and universities increased steadily over the past ten years. From 1980 to 1989, total enrollments increased from 496,641 to 556,927, an increase of 12.1 percent. Enrollments at public institutions increased 16.0 percent, while the increase at private institutions was only 6.8 percent. The share of enrollments in public institutions increased from 58.4 percent in 1980 to 60.4 percent in 1989, while the share in private institutions decreased from 41.6 percent to 39.6 percent. Also during this period, the student population shifted steadily towards a larger female majority with females now comprising 53.9 percent of all enrollments.

The past year comparison indicates that enrollment at public institutions grew at a much faster rate than at the private institutions. During this period, enrollments at public institutions increased 4.1 percent, while private institutions increased only 0.7 percent. Part of the reason for this smaller increase at private institutions was the decrease in enrollments at private state-aided institutions, theological seminaries, and private junior colleges.

Racial/ethnic enrollment data was not collected for 1989. However, between the period from 1978 to 1988, available data indicates the percentage of nonresident aliens, Asian/Pacific Islanders, and Hispanics increased by 1.0, 1.2, and 0.3 percent respectively. The percentage of blacks decreased 1.3 percent and white, 1.2 percent during this period.

In addition to the 146 colleges and universities, there are private licensed schools in Pennsylvania authorized to grant specialized associate degrees in business and technology (ASB and AST degrees). In 1987-88 the latest year for which data is available on these schools, there were 87 schools with this degree-granting authority. At that time, these schools enrolled 38,301 students who were in pursuit of the ASB or AST degree. This figure, if coupled with the colleges and universities students, would place the number of people pursuing a postsecondary degree at about 600,000.

Nationwide, enrollments in institutions of higher education increased by 5.6 percent from 1980 to 1987. Pennsylvania institutions, with an increase of 9.2 percent during the same time period, enjoyed a significantly better rate of growth than the national average.

TABLE 1

FALL ENROLLMENTS BY TYPE OF INSTITUTION
1980 THROUGH 1989

	TOTAL	PUBLIC INSTITUTIONS		PRIVATE INSTITUTIONS	
		Number	Percent	Number	Percent
1980	496 641	289 908	58.4	206 733	41.6
1981	506 361	293 410	57.9	212 951	42.1
1982	512 438	299 838	58.5	212 600	41.5
1983	522 980	307 355	58.8	215 625	41.2
1984	515 668	300 908	58.4	214 760	41.6
1985	515 815	300 258	58.2	215 557	41.8
1986	518 848	303 765	58.5	215 083	41.5
1987	526 835	310 806	59.0	216 029	41.0
1988	542 364	323 100	59.6	219 264	40.4
1989	556 927	336 226	60.4	220 701	39.6

TABLE 2

FALL ENROLLMENTS BY SEX
1980 THROUGH 1989

	TOTAL	MALE		FEMALE	
		Number	Percent	Number	Percent
1980	496 641	244 362	49.2	252 279	50.8
1981	506 361	246 777	48.7	259 584	51.3
1982	512 438	251 292	49.0	261 146	51.0
1983	522 980	256 622	49.1	266 358	50.9
1984	515 668	251 501	48.8	264 167	51.2
1985	515 815	250 167	48.5	265 648	51.5
1986	518 848	246 613	47.5	272 235	52.5
1987	526 835	247 675	47.0	279 160	53.0
1988	542 364	252 156	46.5	290 208	53.5
1989	556 927	256 493	46.1	300 434	53.9

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS
1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total Full-Time Equivalent
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
TOTAL (146)	556 927	364 671	192 256	256 493	180 530	75 963	300 434	184 141	116 293	432 761.1
STATE UNIVERSITIES (14)	96 368	75 946	20 422	39 845	32 995	6 850	56 523	42 951	13 572	82 977.5
Bloomsburg University	7 143	5 826	1 317	2 618	2 214	404	4 525	3 612	913	6 252.6
California University	6 748	5 149	1 599	3 141	2 569	572	3 607	2 580	1 027	5 727.5
Cheyney University	1 641	1 256	385	724	603	121	917	653	264	1 394.4
Clarion University	6 485	5 364	1 121	2 582	2 325	257	3 903	3 039	864	5 770.4
East Stroudsburg University	5 359	4 104	1 255	2 315	1 900	415	3 044	2 204	840	4 516.1
Edinboro University	7 466	6 176	1 290	3 120	2 703	417	4 346	3 473	873	6 605.9
Indiana University	13 861	11 596	2 265	5 932	5 009	923	7 929	6 587	1 342	12 488.6
Kutztown University	7 609	6 008	1 601	2 945	2 501	444	4 664	3 507	1 157	6 549.8
Lock Haven University	3 214	2 984	230	1 467	1 382	85	1 747	1 602	145	3 072.6
Mansfield University	3 223	2 681	542	1 319	1 173	146	1 904	1 508	396	2 846.4
Millersville University	7 791	5 368	2 423	2 830	2 126	704	4 961	3 242	1 719	6 218.4
Shippensburg University	6 529	5 287	1 242	2 900	2 382	518	3 629	2 905	724	5 699.3
Slippery Rock University	7 484	6 217	1 267	3 273	2 899	374	4 211	3 318	893	6 652.0
West Chester University	11 815	7 930	3 885	4 679	3 209	1 470	7 136	4 721	2 415	9 183.5
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	142 943	102 996	39 947	75 635	57 049	18 586	67 308	45 947	21 361	117 530.2
Lincoln University	1 304	1 272	32	529	517	12	775	755	20	1 283.5
Pennsylvania State University	74 240	56 818	17 422	41 166	33 092	8 074	33 074	23 726	9 348	62 896.9
Main Campus	37 718	33 383	4 335	21 419	18 977	2 442	16 299	14 406	1 893	35 090.2
Allentown Campus	783	516	267	424	347	77	359	169	190	600.6
Altoona Campus	2 615	2 191	424	1 274	1 095	179	1 341	1 096	245	2 339.1
Beaver Campus	1 055	855	200	596	519	77	459	336	123	919.3
Berks College	1 489	842	647	894	543	351	595	299	296	1 034.8
Capital College	3 276	1 252	2 024	1 767	792	975	1 509	460	1 049	1 933.5
Delaware Campus	1 975	1 130	845	972	680	292	1 003	450	553	1 365.2
DuBois Campus	936	666	270	522	391	131	414	275	139	757.7
Erie Behrend College	2 838	2 266	572	1 783	1 418	365	1 055	848	207	2 481.6
Fayette Campus	939	592	347	465	359	106	474	233	241	710.8
Great Valley Graduate Center	1 030	24	1 006	591	13	578	439	11	428	366.6
Hazleton Campus	1 262	1 171	91	761	699	62	501	472	29	1 209.6
Hershey Medical Center	451	424	27	268	260	8	183	164	19	440.7

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS--Continued

1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Full-Time Equivalent
STATE-RELATED COMMONWEALTH UNIVERSITIES--Concluded										
Pennsylvania State University--Concluded										
McKeesport Campus	1 380	962	418	805	641	164	575	321	254	1 094.3
Mont Alto Campus	942	809	133	561	487	74	381	322	59	861.7
New Kensington Campus	1 492	842	650	781	525	256	711	317	394	1 065.3
Ogontz Campus	3 330	2 062	1 268	1 445	1 079	366	1 885	983	902	2 501.8
Schuylkill Campus	1 230	709	521	522	400	122	708	309	399	888.0
Shenango Valley Campus	1 196	500	696	416	257	159	780	243	537	746.7
Wilkes-Barre Campus	948	688	260	676	480	196	272	208	64	771.3
Worthington-Scranton Campus	1 295	946	349	777	593	184	518	353	165	1 082.7
York Campus	1 946	929	1 017	1 132	601	531	814	328	486	1 231.1
Technology, Pennsylvania College of 1/	4 114	3 059	1 055	2 315	1 936	379	1 799	1 123	676	3 404.3
Temple University	32 713	21 584	11 129	16 146	10 912	5 234	16 567	10 672	5 895	25 478.3
University of Pittsburgh	34 686	23 322	11 364	17 794	12 528	5 266	16 892	10 794	6 098	27 871.5
Main Campus	28 362	18 603	9 759	14 689	10 067	4 622	13 673	8 536	5 137	22 509.5
Bradford Campus	1 106	722	384	502	373	129	604	349	255	876.0
Greensburg Campus	1 563	1 071	492	799	561	238	764	510	254	1 268.0
Johnstown Campus	3 242	2 610	632	1 589	1 360	229	1 653	1 250	403	2 863.0
Titusville Campus	413	316	97	215	167	48	198	149	49	355.0
COMMUNITY COLLEGES (13)	96 915	34 210	62 705	37 674	15 472	22 202	59 241	18 738	40 503	56 707.1
Bucks County Community College	10 979	3 063	7 916	4 247	1 501	2 746	6 732	1 562	5 170	5 579.0
Butler County Community College	2 930	1 377	1 553	1 107	611	496	1 823	766	1 057	1 978.0
Community College of Allegheny County	20 172	8 387	11 785	8 337	3 788	4 549	11 835	4 599	7 236	12 795.0
Community College of Beaver County	2 704	1 318	1 386	1 244	693	551	1 460	625	835	1 831.1
Community College of Philadelphia	14 542	4 198	10 344	4 962	1 671	3 291	9 580	2 527	7 053	7 892.0
Delaware County Community College	8 703	3 059	5 644	3 727	1 485	2 242	4 976	1 574	3 402	4 927.5
Harrisburg Area Community College	7 279	2 803	4 476	2 816	1 272	1 544	4 463	1 531	2 932	4 222.8
Lehigh County Community College	3 631	1 143	2 488	1 338	494	844	2 293	649	1 644	1 923.0
Luzerne County Community College	6 224	2 216	4 008	2 391	1 006	1 385	3 833	1 210	2 623	3 756.5
Mongtomery County Community College	7 503	2 600	4 903	3 088	1 232	1 856	4 415	1 368	3 047	4 533.0
Northampton County Community College	5 146	1 626	3 520	1 849	701	1 148	3 297	925	2 372	2 774.2
Reading Area Community College	2 075	504	1 571	688	192	496	1 387	312	1 075	1 301.0
Westmoreland County Community College	5 027	1 916	3 111	1 880	826	1 054	3 147	1 090	2 057	3 194.0

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS--Continued

1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total Full-Time Equivalent
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
PRIVATE STATE-AIDED INSTITUTIONS (11)	47 102	35 029	12 073	25 867	19 880	5 987	21 235	15 149	6 086	39 087.1
Delaware Valley College of Science and Agriculture	1 615	969	646	979	624	355	636	345	291	1 160.0
Drexel University	11 959	7 417	4 542	8 180	5 001	3 179	3 779	2 416	1 363	8 971.0
Hahnemann University	2 011	1 590	421	772	684	88	1 239	906	333	1 800.5
Medical College of Pennsylvania	563	542	21	254	249	5	309	293	16	549.0
Pennsylvania College of Optometry	623	578	45	308	302	6	315	276	39	594.0
Pennsylvania College of Podiatric Medicine	393	392	1	288	287	1	105	105	0	392.6
Philadelphia College of Osteopathic Medicine	813	813	0	515	515	0	298	298	0	813.0
Philadelphia College of Textiles and Science	3 373	1 915	1 458	1 019	531	488	2 354	1 384	970	2 352.0
Thomas Jefferson University	2 316	1 509	807	828	698	130	1 488	811	677	1 769.0
University of the Arts	1 420	1 297	123	600	555	45	820	742	78	1 343.0
University of Pennsylvania	22 016	18 007	4 009	12 124	10 434	1 690	9 892	7 573	2 319	19 343.0
PRIVATE COLLEGES AND UNIVERSITIES (79)	164 602	111 172	53 430	73 629	52 805	20 824	90 973	58 367	32 606	129 807.1
Academy of the New Church	148	126	22	55	51	4	93	75	18	132.9
Albright College	1 791	1 253	538	860	604	256	931	649	282	1 428.3
Allegheny College	1 972	1 943	29	948	940	8	1 024	1 003	21	1 955.2
Allentown College of St. Francis de Sales	1 791	1 150	641	826	540	286	965	610	355	1 325.4
Alvernia College	1 099	669	430	378	249	129	721	420	301	829.0
American College	323	0	323	306	0	306	17	0	17	141.0
Annenberg Research Institute	12	12	0	11	11	0	1	1	0	12.0
Antioch University	148	130	18	38	33	5	110	97	13	137.0
Baptist Bible College and School of Theology	672	425	247	357	208	149	315	217	98	576.6
Beaver College	2 293	812	1 481	478	177	301	1 815	635	1 180	1 307.0
Bryn Mawr College	1 839	1 499	340	133	61	72	1 706	1 438	268	1 651.2
Bucknell University	3 423	3 312	111	1 913	1 867	46	1 510	1 445	65	3 347.3
Cabrini College	1 375	839	536	340	198	142	1 035	641	394	1 099.1
Carlow College	1 044	500	544	95	29	66	949	471	478	694.5
Carnegie-Mellon University	7 090	5 887	1 203	4 942	4 208	734	2 148	1 679	469	6 394.0
Cedar Crest College	962	497	465	41	1	40	921	496	425	696.7
Chatham College	659	443	216	0	0	0	659	443	216	552.0
Chestnut Hill College	1 144	481	663	112	7	105	1 032	474	558	657.4
College Misericordia	1 349	805	544	343	198	145	1 006	607	399	1 054.8
Combs College of Music	21	8	13	9	6	3	12	2	10	13.7

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS--Continued

1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total Full-Time Equivalent
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
PRIVATE COLLEGES AND UNIVERSITIES--Continued										
Curtis Institute of Music	148	148	0	80	80	0	68	68	0	148.0
Dickinson College	2 029	1 994	35	928	919	9	1 101	1 075	26	2 008.0
Dickinson School of Law	588	573	15	337	326	11	251	247	4	581.9
Duquesne University	6 901	4 908	1 993	3 036	2 235	801	3 865	2 673	1 192	5 599.3
Eastern College	1 283	780	503	496	363	133	787	417	370	937.3
Elizabethtown College	1 908	1 550	358	673	532	141	1 235	1 018	217	1 654.4
Franklin and Marshall College	2 305	1 814	491	1 184	1 006	178	1 121	808	313	1 957.4
Gannon University	4 680	2 847	1 833	1 988	1 310	678	2 692	1 537	1 155	3 493.0
Geneva College	1 330	1 071	259	724	575	149	606	496	110	1 157.5
Gettysburg College	1 995	1 972	23	973	967	6	1 022	1 005	17	1 981.5
Gratz College	539	45	494	141	7	134	398	38	360	277.2
Grove City College	2 125	2 087	38	1 070	1 050	20	1 055	1 037	18	2 109.8
Gwynedd-Mercy College	1 913	708	1 205	286	94	192	1 627	614	1 013	1 325.6
Haverford College	1 159	1 159	0	647	647	0	512	512	0	1 159.0
Holy Family College	1 827	886	941	411	192	219	1 416	694	722	1 197.7
Immaculata College	2 181	545	1 636	237	10	227	1 944	535	1 409	1 034.0
Juniata College	1 125	1 085	40	527	515	12	598	570	28	1 101.2
King's College	2 323	1 733	590	1 062	847	215	1 261	886	375	1 933.0
Lafayette College	2 303	1 993	310	1 393	1 162	231	910	831	79	2 112.6
Lancaster Bible College	349	234	115	176	121	55	173	113	60	267.5
LaRoche College	1 868	694	1 174	485	257	228	1 383	437	946	1 194.0
LaSalle University	6 478	3 330	3 148	2 983	1 764	1 219	3 495	1 566	1 929	4 362.8
Lebanon Valley College	1 333	849	484	652	460	192	681	389	292	988.7
Lehigh University	6 610	5 424	1 186	4 203	3 525	678	2 407	1 899	508	5 769.9
Lycoming College	1 191	1 096	95	601	576	25	590	520	70	1 126.1
Marywood College	3 058	1 768	1 290	714	316	398	2 344	1 452	892	2 196.0
Mercyhurst College	2 110	1 664	446	879	743	136	1 231	921	310	1 790.3
Messiah College	2 270	2 218	52	878	863	15	1 392	1 355	37	2 232.8
Moore College of Art	678	605	73	0	0	0	678	605	73	634.1
Moravian College - Total	1 861	1 230	631	895	599	296	966	631	335	1 453.3
Moravian College	1 785	1 194	591	867	583	284	918	611	307	1 404.5
Moravian Theological Seminary	76	36	40	28	16	12	48	20	28	48.8
Muhlenberg College	2 076	1 615	461	1 005	791	214	1 071	824	247	1 770.2
Neumann College	1 093	452	641	249	106	143	844	346	498	679.5
Pennsylvania College of Straight Chiropractic	79	70	9	51	45	6	28	25	3	74.5
Philadelphia College of Bible	582	499	83	284	237	47	298	262	36	527.1
Philadelphia College of Pharmacy and Science	1 643	1 619	24	631	616	15	1 012	1 003	9	1 625.6

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS--Continued
1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Full-Time Equivalent
PRIVATE COLLEGES AND UNIVERSITIES--Concluded										
Point Park College	2 870	1 197	1 673	1 479	529	950	1 391	668	723	1 773.1
Reconstructionist Rabbinical College	57	55	2	25	25	0	32	30	2	56.0
Robert Morris College	5 371	2 866	2 505	2 484	1 422	1 062	2 887	1 444	1 443	3 697.0
Rosemont College	615	474	141	24	0	24	591	474	117	525.5
Saint Francis College	1 757	999	758	810	513	297	947	486	461	1 235.8
Saint Joseph's University	6 170	2 766	3 404	3 005	1 358	1 647	3 165	1 408	1 757	3 838.1
Saint Vincent College - Total	1 232	1 020	212	672	576	96	560	444	116	1 089.5
Saint Vincent College	1 180	981	199	626	537	89	554	444	110	1 045.0
Saint Vincent Seminary	52	39	13	46	39	7	6	0	6	44.5
Seton Hill College	976	667	309	72	43	29	904	624	280	760.6
Spring Garden College	1 084	631	453	865	495	370	219	136	83	798.0
Susquehanna University	1 788	1 543	245	827	750	77	961	793	168	1 604.3
Swarthmore College	1 304	1 302	2	672	671	1	632	631	1	1 302.6
Thiel College	918	793	125	435	394	41	483	399	84	838.7
United Wesleyan College	163	105	58	103	65	38	60	40	20	121.3
University of Scranton	5 111	3 997	1 114	2 541	2 027	514	2 570	1 970	600	4 401.6
Ursinus College	2 373	1 116	1 257	1 011	533	478	1 362	583	779	1 474.4
Valley Forge Christian College	529	472	57	304	267	37	225	205	20	494.3
Villanova University	11 388	7 739	3 649	6 059	4 269	1 790	5 329	3 470	1 859	9 251.0
Washington and Jefferson College	1 388	1 224	164	770	717	53	618	507	111	1 288.7
Waynesburg College	1 155	1 030	125	543	491	52	612	539	73	1 074.6
Westminster College	1 553	1 401	152	657	598	59	896	803	93	1 439.1
Widener University	6 307	2 837	3 470	3 253	1 625	1 628	3 054	1 212	1 842	3 993.7
Wilkes University	3 651	2 008	1 643	1 798	1 126	672	1 853	882	971	2 522.1
Wilson College	792	194	598	159	4	155	633	190	443	394.0
York College of Pennsylvania	4 954	2 680	2 274	1 997	1 063	934	2 957	1 617	1 340	3 367.2
THEOLOGICAL SEMINARIES (16)	2 878	1 429	1 449	2 094	1 112	982	784	317	467	1 984.0
Biblical Theological Seminary	196	55	141	160	43	117	36	12	24	127.7
Calvary Baptist Theological Seminary	93	30	63	93	30	63	0	0	0	43.5
Christ the Saviour Seminary	10	9	1	10	9	1	0	0	0	9.3
Eastern Baptist Theological Seminary	309	94	215	207	53	154	102	41	61	180.4
Evangelical School of Theology	88	20	68	76	19	57	12	1	11	41.6
Faith Theological Seminary	50	50	0	47	47	0	3	3	0	50.0
Lancaster Theological Seminary	226	34	192	149	20	129	77	14	63	98.6
Lutheran Theological Seminary - Gettysburg	237	163	74	153	107	46	84	56	28	210.0
Lutheran Theological Seminary - Philadelphia	250	131	119	130	52	78	120	79	41	171.0
Mary Immaculate Seminary	22	18	4	19	18	1	3	0	3	19.5

TABLE 3

FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY SEX AND ENROLLMENT STATUS--Concluded
1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total Full-Time Equivalent
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	
THEOLOGICAL SEMINARIES--Concluded	2 878	1 429	1 449	2 094	1 112	982	784	317	467	1 984.0
Pittsburgh Theological Seminary	301	233	68	196	177	19	105	56	49	254.8
Reformed Presbyterian Theological Seminary	77	43	34	70	42	28	7	1	6	55.6
Saint Charles Borromeo Seminary	391	173	218	253	173	80	138	0	138	246.0
Theological Seminary of the Reformed Episcopal Church	32	25	7	28	22	6	4	3	1	28.5
Trinity Episcopal School for Ministry	112	66	46	74	49	25	38	17	21	78.8
Westminster Theological Seminary	484	285	199	429	251	178	55	34	21	368.7
PRIVATE JUNIOR COLLEGES (9)	6 119	3 889	2 230	1 749	1 217	532	4 370	2 672	1 698	4 668.1
Harcum Junior College	764	603	161	29	17	12	735	586	149	666.5
Keystone Junior College	1 265	776	489	523	377	146	742	399	343	941.1
Lackawanna Junior College	823	393	430	239	128	111	584	265	319	555.0
Manor Junior College	372	207	165	33	13	20	339	194	145	258.0
Mount Aloysius Junior College	1 176	640	536	285	160	125	891	480	411	833.0
Northeastern Christian Junior College	204	198	6	106	103	3	98	95	3	198.4
Peirce Junior College	1 140	720	420	249	146	103	891	574	317	858.2
Pinebrook Junior College	151	133	18	63	55	8	88	78	10	136.9
Valley Forge Military Junior College	224	219	5	222	218	4	2	1	1	221.0

1/ Formerly Williamsport Area Community College, now an affiliate of Pennsylvania State University.

TABLE 4

FALL ENROLLMENTS BY CATEGORY AND LEVEL 1989

	TOTAL ENROLLMENTS			MALE			FEMALE			Total
	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Total	Full-Time	Part-Time	Full-time Equivalent
TOTAL (146)	556 927	364 671	192 256	256 493	180 530	75 963	300 434	184 141	116 293	432 761.1
Undergraduate	469 739	325 038	144 701	212 439	157 493	54 946	257 300	167 545	89 755	376 770.8
First-Time Freshmen	100 636	82 342	18 294	46 130	39 351	6 779	54 506	42 991	11 515	88 706.4
First-Professional	13 995	13 396	599	8 613	8 209	404	5 382	5 187	195	13 658.7
Graduate	73 193	26 237	46 956	35 441	14 828	20 613	37 752	11 409	26 343	42 331.6
STATE UNIVERSITIES (14)	96 368	75 946	20 422	39 845	32 995	6 850	56 523	42 951	13 572	82 977.5
Undergraduate	86 014	73 501	12 513	36 427	31 998	4 429	49 587	41 503	8 084	78 050.1
First-Time Freshmen	17 770	17 170	600	7 449	7 242	207	10 321	9 928	393	17 405.6
Graduate	10 354	2 445	7 909	3 418	997	2 421	6 936	1 448	5 488	4 927.4
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	142 943	102 996	39 947	75 635	57 049	18 586	67 308	45 947	21 361	117 530.2
Undergraduate	113 130	88 463	24 667	59 943	48 499	11 444	53 187	39 964	13 223	97 625.4
First-Time Freshmen	19 421	18 732	689	10 399	10 129	270	9 022	8 603	419	19 011.7
First-Professional	4 217	4 216	1	2 627	2 626	1	1 590	1 590	0	4 216.5
Graduate	25 596	10 317	15 279	13 065	5 924	7 141	12 531	4 393	8 138	15 688.3
COMMUNITY COLLEGES (13)	96 915	34 210	62 705	37 674	15 472	22 202	59 241	18 738	40 503	56 707.1
Undergraduate	96 915	34 210	62 705	37 674	15 472	22 202	59 241	18 738	40 503	56 707.1
First-Time Freshmen	26 525	12 670	13 855	11 134	5 949	5 185	15 391	6 721	8 670	17 450.3
PRIVATE STATE-AIDED INSTITUTIONS (11)	47 102	35 029	12 073	25 867	19 880	5 987	21 235	15 149	6 086	39 087.1
Undergraduate	28 552	21 163	7 389	15 323	11 737	3 586	13 229	9 426	3 803	23 638.5
First-Time Freshmen	5 386	5 018	368	3 081	2 863	218	2 305	2 155	150	5 137.5
First-Professional	6 165	6 158	7	3 722	3 719	3	2 443	2 439	4	6 160.6
Graduate	12 385	7 708	4 677	6 822	4 424	2 398	5 563	3 284	2 279	9 288.0
PRIVATE COLLEGES AND UNIVERSITIES (79)	164 602	111 172	53 430	73 629	52 805	20 824	90 973	58 367	32 606	129 807.1
Undergraduate	138 820	103 739	35 081	61 219	48 497	12 722	77 601	55 242	22 359	115 969.6
First-Time Freshmen	28 608	26 568	2 040	13 064	12 370	694	15 544	14 198	1 346	27 264.0
First-Professional	2 270	2 145	125	1 284	1 211	73	986	934	52	2 203.7
Graduate	23 512	5 288	18 224	11 126	3 097	8 029	12 386	2 191	10 195	11 633.8
THEOLOGICAL SEMINARIES (16)	2 878	1 429	1 449	2 094	1 112	982	784	317	467	1 984.0
Undergraduate	189	73	116	104	73	31	85	0	85	112.0
First-Time Freshmen	8	8	0	8	8	0	0	0	0	8.0
First-Professional	1 343	877	466	980	653	327	363	224	139	1 077.9
Graduate	1 346	479	867	1 010	386	624	336	93	243	794.1
PRIVATE JUNIOR COLLEGES (9)	6 119	3 889	2 230	1 749	1 217	532	4 370	2 672	1 698	4 668.1
Undergraduate	6 119	3 889	2 230	1 749	1 217	532	4 370	2 672	1 698	4 668.1
First-Time Freshmen	2 918	2 176	742	995	790	205	1 923	1 386	537	2 429.3

Note: First-time freshmen are included in the undergraduate data.

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY AND INSTITUTIONAL CATEGORY 1978 THROUGH 1988

	Total	American Indian/ Alaskan Native		Asian/ Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)		Nonresident Alien	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TOTAL													
1978	474 951	735	0.2	3 586	0.7	35 169	7.4	3 469	0.7	425 355	89.6	6 637	1.4
1980	496 641	849	0.2	4 648	0.9	37 290	7.5	3 854	0.8	441 969	89.0	8 031	1.6
1982	512 438	883	0.2	6 927	1.4	35 548	6.9	4 511	0.9	455 246	88.8	9 323	1.8
1984	515 668	840	0.2	7 518	1.4	34 920	6.8	4 479	0.9	458 345	88.9	9 566	1.9
1986	518 848	817	0.2	8 313	1.6	32 823	6.3	4 606	0.9	461 025	88.9	11 264	2.2
1988	542 364	863	0.2	10 381	1.9	33 151	6.1	5 596	1.0	479 564	88.4	12 809	2.4
STATE UNIVERSITIES													
1978	76 597	83	0.1	265	0.4	5 433	7.1	263	0.3	69 863	91.2	690	0.9
1980	78 019	116	0.1	296	0.4	5 415	6.9	522	0.7	70 946	90.9	724	0.9
1982	79 282	110	0.1	419	0.5	4 859	6.1	473	0.6	72 746	91.8	675	0.9
1984	82 513	101	0.1	493	0.6	4 660	5.7	353	0.4	76 027	92.1	879	1.1
1986	86 165	100	0.1	497	0.6	4 623	5.4	405	0.5	79 550	92.3	990	1.1
1988	92 375	120	0.1	584	0.6	4 576	5.0	512	0.6	85 265	92.3	1 318	1.4
STATE-RELATED COMMONWEALTH UNIVERSITIES													
1978	128 683	317	0.2	1 355	1.1	10 187	7.9	1 176	0.9	113 702	88.4	1 946	1.5
1980	131 990	321	0.2	1 541	1.2	10 990	8.3	1 063	0.8	115 533	87.6	2 542	1.9
1982	131 281	252	0.2	1 720	1.3	10 032	7.7	1 061	0.8	115 039	87.6	3 177	2.4
1984	126 536	215	0.2	2 035	1.6	9 854	7.8	1 084	0.9	110 361	87.2	2 987	2.3
1986	130 605	215	0.1	2 636	2.0	10 278	7.9	1 440	1.1	112 280	86.0	3 756	2.9
1988	137 254	224	0.2	3 234	2.4	10 675	7.8	1 709	1.2	117 059	85.3	4 353	3.2
COMMUNITY COLLEGES													
1978	74 945	157	0.2	496	0.7	10 780	14.4	912	1.2	62 438	83.3	162	0.2
1980	79 899	180	0.2	858	1.1	10 901	13.6	847	1.1	66 963	83.8	150	0.2
1982	89 275	288	0.3	1 823	2.0	11 146	12.5	1 247	1.4	74 593	83.6	178	0.2
1984	91 859	268	0.3	1 517	1.6	11 646	12.7	1 089	1.2	77 184	84.0	155	0.2
1986	86 995	222	0.3	1 418	1.6	9 359	10.8	942	1.1	74 926	86.1	128	0.1
1988	93 471	212	0.2	1 646	1.8	9 156	9.8	1 182	1.3	81 161	86.8	114	0.1

TABLE 5

FALL ENROLLMENTS BY RACIAL/ETHNIC CATEGORY AND INSTITUTIONAL CATEGORY--Concluded
1978 THROUGH 1988

	Total	American Indian/ Alaskan Native		Asian/ Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)		Nonresident Alien	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
PRIVATE STATE-AIDED INSTITUTIONS													
1978	44 897	55	0.1	713	1.6	2 694	6.0	338	0.8	39 242	87.4	1 855	4.1
1980	47 600	92	0.2	1 024	2.2	2 954	6.2	494	1.0	40 656	85.4	2 380	5.0
1982	47 613	86	0.2	1 371	2.9	2 768	5.8	628	1.3	39 981	84.0	2 779	5.8
1984	47 361	89	0.2	1 651	3.5	2 811	5.9	759	1.6	39 105	82.6	2 946	6.2
1986	46 565	86	0.2	1 852	4.0	2 538	5.4	682	1.5	38 459	82.6	2 948	6.3
1988	47 486	98	0.2	2 386	5.0	2 652	5.6	767	1.6	37 938	79.9	3 645	7.7
PRIVATE COLLEGES AND UNIVERSITIES													
1978	141 161	118	0.1	712	0.5	5 216	3.7	726	0.5	132 580	93.9	1 809	1.3
1980	150 136	133	0.1	876	0.6	5 735	3.8	866	0.6	140 440	93.5	2 086	1.4
1982	155 468	139	0.1	1 506	1.0	5 522	3.5	1 015	0.6	144 981	93.3	2 305	1.5
1984	158 011	158	0.1	1 707	1.1	4 849	3.1	1 093	0.7	147 843	93.6	2 361	1.5
1986	158 867	187	0.1	1 755	1.1	4 948	3.1	1 019	0.7	147 756	93.0	3 202	2.0
1988	162 619	200	0.1	2 329	1.4	5 111	3.1	1 324	0.8	150 494	92.5	3 161	1.9
THEOLOGICAL SEMINARIES													
1978	2 715	0	0.0	32	1.2	83	3.1	17	0.6	2 498	92.0	85	3.1
1980	2 632	1	0.1	25	0.9	110	4.2	13	0.5	2 398	91.1	85	3.2
1982	2 885	3	0.1	60	2.1	143	5.0	18	0.6	2 542	88.1	119	4.1
1984	3 135	3	0.1	86	2.7	167	5.3	38	1.2	2 691	85.8	150	4.8
1986	3 158	1	0.0	107	3.4	263	8.3	30	1.0	2 644	83.7	113	3.6
1988	2 929	1	0.0	154	5.3	271	9.3	36	1.2	2 352	80.3	115	3.9
PRIVATE JUNIOR COLLEGES													
1978	5 953	5	0.1	13	0.2	776	13.0	37	0.6	5 032	84.5	90	1.5
1980	6 365	6	0.1	28	0.4	1 185	18.6	49	0.8	5 033	79.1	64	1.0
1982	6 634	5	0.1	28	0.4	1 078	16.2	69	1.0	5 364	80.9	90	1.4
1984	6 253	6	0.1	29	0.5	933	14.9	63	1.0	5 134	82.1	88	1.4
1986	6 493	6	0.1	48	0.7	814	12.5	88	1.4	5 410	83.3	127	2.0
1988	6 230	8	0.1	48	0.8	710	11.4	66	1.1	5 295	85.0	103	1.7

Note: 1. Racial/ethnic data is collected biennially.
2. Percentages may not add to 100 percent due to rounding.

TABLE 6

PERCENT CHANGE IN FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY STATE 1980 TO 1987

State or Other Area	Percent
UNITED STATES	5.6
Alabama	11.6
Alaska	26.5
Arizona	17.0
Arkansas	2.1
California	-0.2
Colorado	12.7
Connecticut	1.7
Delaware	11.3
District of Columbia	-10.5
Florida	-19.0
Georgia	21.7
Hawaii	10.8
Idaho	5.9
Illinois	6.6
Indiana	3.6
Iowa	12.7
Kansas	7.2
Kentucky	7.2
Louisiana	8.2
Maine	9.9
Maryland	6.1
Massachusetts	1.3
Michigan	3.0
Minnesota	14.8
Mississippi	3.1
Missouri	7.4
Montana	2.0
Nebraska	12.7
Nevada	18.8
New Hampshire	20.0
New Jersey	-8.5
New Mexico	42.5
New York	0.0
North Carolina	11.7
North Dakota	8.8

TABLE 6

PERCENT CHANGE IN FALL ENROLLMENTS IN INSTITUTIONS OF HIGHER EDUCATION BY STATE--Concluded

1980 TO 1987

State or Other Area	Percent
Ohio	6.0
Oklahoma	7.8
Oregon	-3.0
Pennsylvania	9.2
Rhode Island	7.2
South Carolina	6.3
South Dakota	-3.1
Tennessee	-1.3
Texas	14.4
Utah	13.6
Vermont	8.5
Virginia	13.7
Washington	-19.0
West Virginia	-5.8
Wisconsin	4.7
Wyoming	23.2
U.S. Service Schools	20.7
OUTLYING AREAS	13.8
American Samoa	-8.1
Guam	26.6
Puerto Rico	12.6
Trust Territory of the Pacific	446.0
Virgin Islands	18.5

Source: *Digest of Education Statistics, 1989*, U.S. Department of Education, Office of Educational Research and Improvement

APPENDIX A

GLOSSARY

FIRST-PROFESSIONAL STUDENT - A student who is enrolled in a professional school or program which requires at least two academic years of college work for entrance and a total of at least six years for a degree.

FIRST-TIME FRESHMAN - A student who has not previously attended any college. Also included are those students who entered with advanced standing (college credits earned before graduation from high school) at the freshmen level and those who attended college for the first time during the preceeding summer.

FULL-TIME EQUIVALENT - A comparative figure derived by converting part-time student academic work load into a normal full-time load. Institutions were requested to use 15 credit hours per semester for undergraduate students and 12 credit hours per semester for graduate and first-professional students as the normal load. Total full-time equivalent enrollments are the sum of full-time headcount and the full-time equivalency of part-time students.

GRADUATE STUDENT - A student who holds a bachelor's or first-professional degree, or equivalent, and is working toward a master's or doctor's degree.

PRIVATE INSTITUTIONS - Institutions listed in the following categories: the private state-aided institutions, the private colleges and universities, the theological seminaries, and the private junior colleges.

PUBLIC INSTITUTIONS - Institutions listed in the following categories: the state universities, the state-related commonwealth universities, and the community colleges.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Phillippine Islands, and Samoa.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa.

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.

NONRESIDENT ALIEN - A person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

UNCLASSIFIED STUDENT - A student taking courses creditable toward a degree or other formal award who cannot be classified by academic level. For example, this could include a transfer student whose earned credits have not been determined at the time of the fall report.

UNDERGRADUATE STUDENT - A student who is enrolled in a four- or five-year bachelor's degree program, in an associate degree program, or in a vocational or technical program that is normally terminal and results in a formal recognition below the baccalaureate degree.

APPENDIX B

SOURCES

1. Fall Enrollment (ED G50-14P-EF)
2. Report of Full-Time Equivalent (FTE) Enrollments of Part-Time Students (PDE-4086)
3. Report of Full-Time Equivalent (FTE) Enrollments of Part-Time Students (2-Year Institutions) (PDE-4087)
4. *Digest of Education Statistics, 1989*, U.S. Department of Education, Office of Educational Research and Improvement

APPENDIX C

NONRESPONDENT
(data estimated)

Grove City College

S6790-5.4.U

Vocational Education

Program Statistics
1988-89

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Pennsylvania Department of Education 1990

Vocational Education

Program Statistics
1988-89

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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April 1990

Pennsylvania Department of Education
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Harrisburg, PA 17126-0333

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HIGHLIGHTS

* A total of 248,590 students were enrolled in Pennsylvania's vocational education programs; 214,811 or 86.4 percent were in occupational programs.

* Secondary and adult vocational program enrollments included 14,969 handicapped and 45,381 disadvantaged students (including 1,587 limited English proficient students).

* Enrollments totaled 13,590 in Job Training Partnership Act (JTPA) programs administered by the Pennsylvania Department of Education.

* Of those responding to the 1989 vocational education follow-up survey of 1987-88 completers, 89.9 percent of the secondary and 85.6 percent of the adult respondents were gainfully placed (employed, military service, and pursuing additional education).

* Support for vocational education included $448,842,765 or 91.7 percent from state and local funds, and $40,472,857 or 8.3 percent from federal funds.

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OVERVIEW

Pennsylvania's total vocational education program enrollments for 1988-89 were 248,590. These included 131,258 at the secondary level; 56,800 at the postsecondary level; and 60,532 at the adult level.

The majority of vocational program enrollments were in trade and industrial education (36.2 percent) and business education (27.8 percent), followed by consumer and homemaking education (13.4 percent), health occupations education (7.1 percent), agriculture education (4.8 percent), occupational home economics education (4.0 percent), marketing and distributive education (3.7 percent), not elsewhere classified (2.7 percent), and industrial arts education (0.2 percent).

Although sex equity efforts have contributed to an increase in females and males in nontraditional areas, the 1988-89 vocational enrollment picture in Pennsylvania continued to be aligned according to the traditional male/female roles. A total of 59.7 percent of all the women enrolled in secondary, postsecondary, and adult vocational programs were in business education and consumer and homemaking education, while 60.4 percent of all the men were in trade and industrial education.

Secondary vocational education program enrollments decreased 13.1 percent from 1987-88, and 33.7 percent from 1984-85. Over the last five years, vocational program enrollments at high schools have dropped 40.0 percent, compared to a 23.5 percent decrease at area vocational-technical schools. The implementation of State Board of Education curriculum regulations, which increased graduation requirements, and the Pennsylvania Department of Education standards for vocational education, which identified minimum time requirements for secondary vocational education programs, have contributed to these declines. In addition, the percentage of graduates continuing on to higher education continues to increase 1/; these

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1/ *Education Statistics: Projections to 1993-94* (1989), Pennsylvania Department of Education students are more likely to enroll in an academic curriculum.

Special needs (handicapped and disadvantaged) students accounted for 42.9 percent of the secondary vocational enrollments in 1988-89. Although secondary vocational enrollments have continued to decline, the percentage of special needs students has increased 4.6 percent from 1984-85.

A follow-up survey of students who completed secondary and adult vocational programs in 1987-88 was conducted in the summer of 1989. Data from this survey indicates that 89.9 percent of the secondary respondents were gainfully placed (employed, pursuing education, and military service), an increase of 4.0 percent from 1985. The gainfully placed rate for adult respondents increased 4.5 percent from 1985 to 85.6 percent in 1989.

Support for vocational education in Pennsylvania increased $140,472,372 or 40.3 percent between 1979-80 and 1988-89. In this ten-year period, state and local support increased $133,827,704 or 42.5 percent, while federal support increased $6,644,668 or only 19.6 percent.

TABLE 1

VOCATIONAL EDUCATION SECONDARY PROGRAM ENROLLMENTS
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
SECONDARY TOTAL	258 913	251 849	242 920	233 242	216 910	197 996	181 486	168 535	151 107	131 258
Agriculture Education	14 723	13 825	13 435	12 728	11 718	11 122	10 267	9 443	8 445	6 918
Business Education	63 261	61 110	59 695	61 146	56 198	50 322	45 108	39 966	35 640	26 276
Health Occupations Education	5 070	5 151	4 912	4 866	5 168	5 081	4 557	4 210	3 593	3 262
Marketing and Distributive Education	10 424	9 694	9 120	8 856	7 684	7 071	6 263	5 809	5 202	4 564
Occupational Home Economics Education	7 043	7 637	7 342	10 032	9 845	9 002	8 419	7 502	6 613	6 185
Technical Education	9 592	9 708	9 184	8 827	8 539	7 766	7 477	-	-	-
Trade and Industrial Education	77 462	76 718	73 569	59 859	55 972	51 803	47 371	50 822	48 330	45 604
Not Elsewhere Classified	6 827	4 986	5 090	12 200	11 088	10 983	5 686	5 476	5 245	5 519
Consumer and Homemaking Education	64 511	63 020	60 573	54 728	50 698	44 846	46 338	45 307	37 439	32 390
Industrial Arts Education	-	-	-	-	-	-	-	-	600	540

Note: 1. As a result of a new program coding system implemented in 1982-83, several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

2. As of 1986-87, the technical education program field is included in the trade and industrial education program field.

3. In 1987-88, the Pennsylvania Department of Education began approving programs in industrial arts education.

TABLE 2

VOCATIONAL EDUCATION ADULT PROGRAM ENROLLMENTS
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
ADULT TOTAL	94 359	82 577	82 139	81 818	73 936	72 963	80 381	81 333	77 067	60 532
Agriculture Education	5 805	5 327	5 429	5 508	4 758	4 841	4 619	5 035	5 033	4 491
Business Education	15 137	15 306	16 149	21 867	22 157	18 771	26 096	24 330	19 970	18 269
Health Occupations Education	7 408	9 032	9 592	9 056	7 413	5 512	6 643	5 303	4 755	5 077
Marketing and Distributive Education	644	972	1 198	1 467	426	950	808	929	535	589
Occupational Home Economics Education	1 170	1 059	876	2 266	2 902	3 165	2 839	3 061	3 064	1 727
Technical Education	3 531	4 798	5 821	5 686	3 721	3 047	4 217	-	-	-
Trade and Industrial Education	57 324	41 228	39 514	33 908	29 902	33 326	32 962	40 799	41 527	29 170
Not Elsewhere Classified	-	1 479	1 080	368	323	369	423	366	418	353
Consumer and Homemaking Education	4 052	3 376	2 408	2 492	2 334	2 182	1 702	1 510	1 765	849

Note: 1. As a result of a new program coding system implemented in 1982-83, several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

2. As of 1986-87, the technical education program field is included in the trade and industrial education program field.

FIGURE 1
VOCATIONAL EDUCATION SECONDARY AND ADULT PROGRAM ENROLLMENTS
1979-80 THROUGH 1988-89

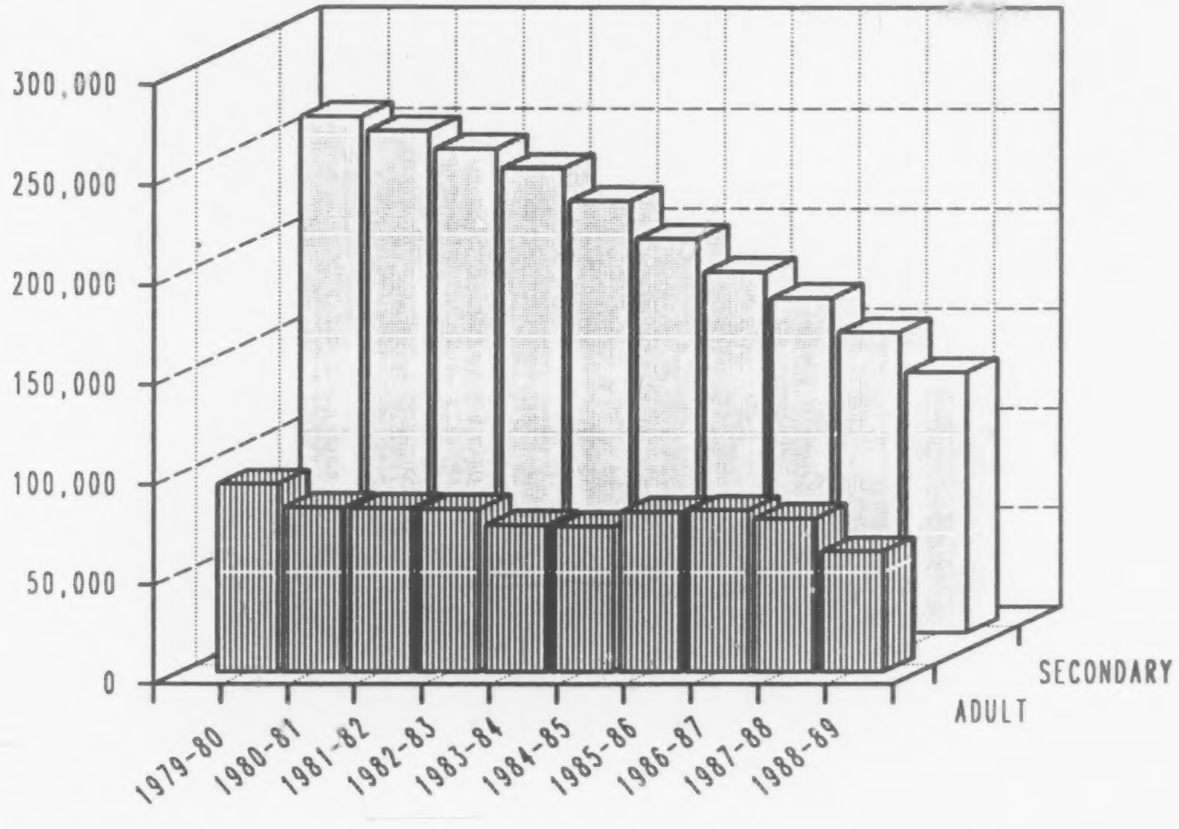


TABLE 5

VOCATIONAL EDUCATION PROGRAM ENROLLMENTS BY RACE

1988-89

	Total	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black (Non-Hispanic)	Hispanic	White (Non-Hispanic)	Nonresident Alien
TOTAL	248 590	285	1 765	30 361	4 333	211 693	155
SECONDARY	131 258	122	514	19 592	3 035	107 995	-
Agriculture Education	6 918	3	7	194	28	6 686	-
Business Education	26 276	17	85	4 466	573	21 135	-
Health Occupations Education	3 262	6	17	581	71	2 587	-
Marketing and Distributive Education	4 564	6	16	749	57	3 736	-
Occupational Home Economics Education	6 185	4	22	1 798	257	4 104	-
Trade and Industrial Education	45 604	78	180	6 305	1 324	37 717	-
Not Elsewhere Classified	5 519	8	31	399	285	4 796	-
Consumer and Homemaking Education	32 390	8	137	5 065	436	26 744	-
Industrial Arts Education	540	0	11	35	4	490	-
POSTSECONDARY 1/	56 800	95	665	5 060	580	50 245	155
Agriculture Education	600	0	1	5	2	588	4
Business Education	24 620	48	283	2 622	296	21 309	62
Health Occupations Education	9 350	18	94	720	80	8 415	23
Marketing and Distributive Education	4 030	12	48	479	52	3 421	18
Occupational Home Economics Education	2 130	2	15	248	22	1 836	7
Trade and Industrial Education	15 250	15	221	900	122	13 954	38
Not Elsewhere Classified	820	0	3	86	6	722	3
ADULT	60 532	66	586	5 709	718	53 453	-
Agriculture Education	4 491	0	2	31	4	4 454	-
Business Education	18 268	15	141	2 705	102	15 225	-
Health Occupations Education	5 077	8	33	439	38	4 559	-
Marketing and Distributive Education	589	1	1	7	1	579	-
Occupational Home Economics Education	1 727	2	11	527	29	1 158	-
Trade and Industrial Education	29 178	39	290	1 929	322	26 598	-
Not Elsewhere Classified	353	1	100	8	142	102	-
Consumer and Homemaking Education	849	0	8	63	0	778	-

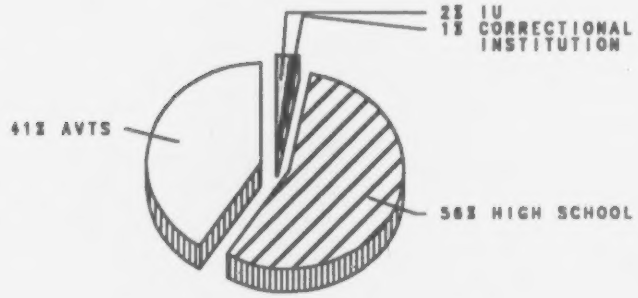
1/ All postsecondary data is estimated.

Note: A dash (-) indicates "not applicable."

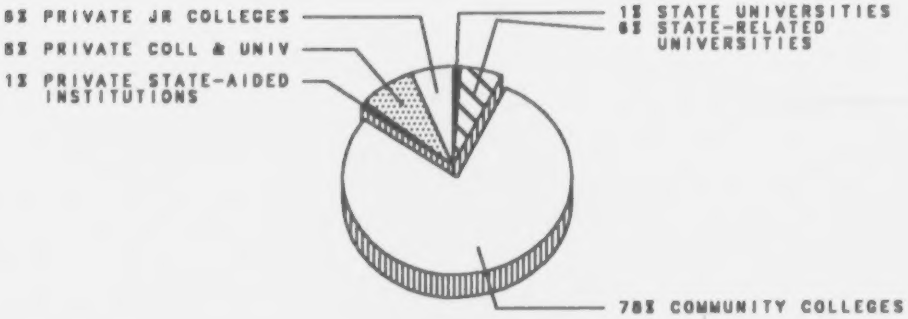
The percentage breakdown of vocational education enrollments by race was: 85.2 white; 12.2 black; 1.7 Hispanic; 0.7 Asian/Pacific Islander; 0.1 American Indian/Alaskan Native; and 0.1 nonresident alien.

Minorities accounted for 14.8 percent of vocational education enrollments. The percent of minority enrollments by program varied considerably: 2.3 agriculture education; 16.5 business education; 11.9 health occupations education; 15.6 marketing and distributive education; 29.2 occupational home economics education; 13.0 trade and industrial education; 16.0 not elsewhere classified; 17.2 consumer and homemaking education; and 9.3 industrial arts education.

FIGURE 2
VOCATIONAL EDUCATION PROGRAM ENROLLMENTS
BY TYPE OF INSTITUTION
1988-89

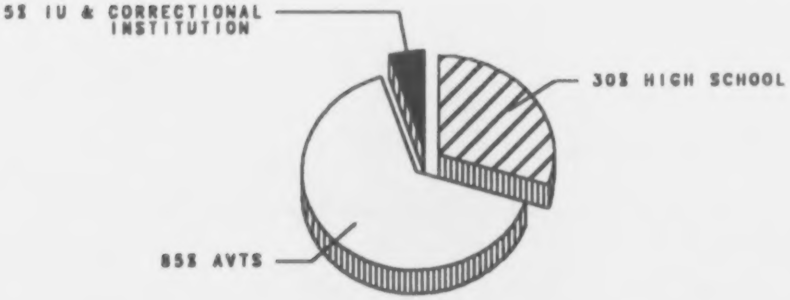


SECONDARY



POSTSECONDARY

Note: All postsecondary data is estimated.



ADULT

TABLE 4

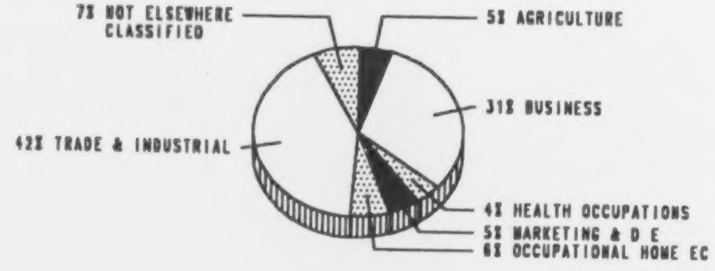
VOCATIONAL EDUCATION PROGRAM ENROLLMENTS BY SEX
1988-89

	Total	Male	Female
TOTAL	248 590	119 384	129 206
SECONDARY	131 258	62 417	68 841
Agriculture Education	6 918	5 322	1 596
Business Education	26 276	5 671	20 605
Health Occupations Education	3 262	172	3 090
Marketing and Distributive Education	4 564	1 664	2 900
Occupational Home Economics Education	6 185	2 063	4 122
Trade and Industrial Education	45 604	35 503	10 101
Not Elsewhere Classified	5 519	3 244	2 275
Consumer and Homemaking Education	32 390	8 278	24 112
Industrial Arts Education	540	500	40
POSTSECONDARY 1/	56 800	22 740	34 060
Agriculture Education	600	390	210
Business Education	24 620	7 410	17 210
Health Occupations Education	9 350	1 340	8 010
Marketing and Distributive Education	4 030	1 590	2 440
Occupational Home Economics Education	2 130	420	1 710
Trade and Industrial Education	15 250	11 470	3 780
Not Elsewhere Classified	820	120	700
ADULT	60 532	34 227	26 305
Agriculture Education	4 491	3 818	673
Business Education	18 268	3 720	14 548
Health Occupations Education	5 077	696	4 381
Marketing and Distributive Education	589	218	371
Occupational Home Economics Education	1 727	398	1 329
Trade and Industrial Education	29 178	25 159	4 019
Not Elsewhere Classified	353	81	272
Consumer and Homemaking Education	849	137	712

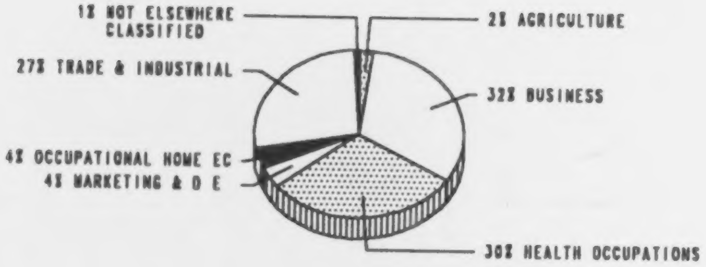
1/ All postsecondary data is estimated.

Females accounted for 52.0 percent of the total vocational education enrollment and 48.6 percent of the occupational enrollment.

FIGURE 3
OCCUPATIONAL EDUCATION PROGRAM COMPLETERS
1988-89

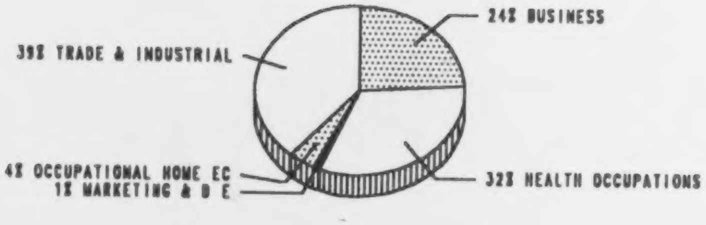


SECONDARY



POSTSECONDARY

Note: All postsecondary data is estimated.



ADULT

Note: Agriculture education is not shown because it represents less than one percent of the total.

TABLE 5

VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS 1988-89

	Total			Secondary			Adult		
	Handicapped	Disadvantaged	LEP	Handicapped	Disadvantaged	LEP	Handicapped	Disadvantaged	LEP
TOTAL	14 969	45 381	1 587	14 678	41 209	1 301	291	4 172	286
Agriculture Education	1 029	2 065	12	1 007	2 038	12	22	27	0
Business Education	623	9 745	409	580	8 200	401	43	1 545	8
Health Occupations Education	482	2 076	16	394	1 232	15	88	844	1
Marketing & Distributive Education	417	1 526	29	417	1 505	29	0	21	0
Occupational Home Economics Education	1 685	2 862	92	1 671	2 538	91	14	324	1
Trade & Industrial Education	7 327	16 645	536	7 299	15 587	518	28	1 058	18
Not Elsewhere Classified	1 283	2 608	354	1 283	2 280	96	0	328	258
Consumer & Homemaking Education	2 079	7 716	138	1 983	7 691	138	96	25	0
Industial Arts Education	44	138	1	44	138	1	-	-	-

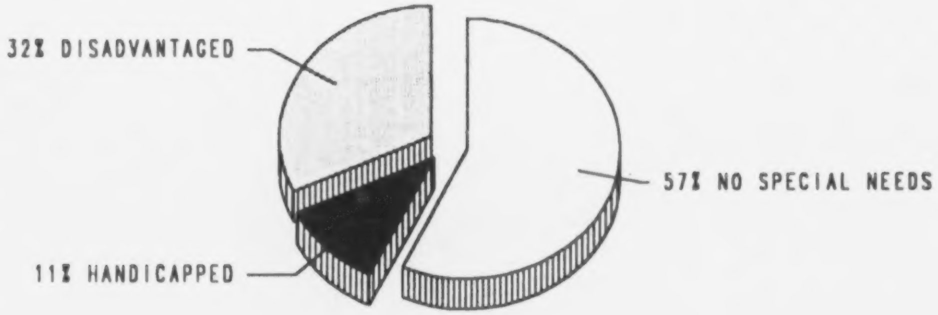
Note: 1. Students in state correctional institutions (1,052 secondary and 3,120 adult) are not included in this data.

2. Disadvantaged enrollments include limited English proficiency enrollments.

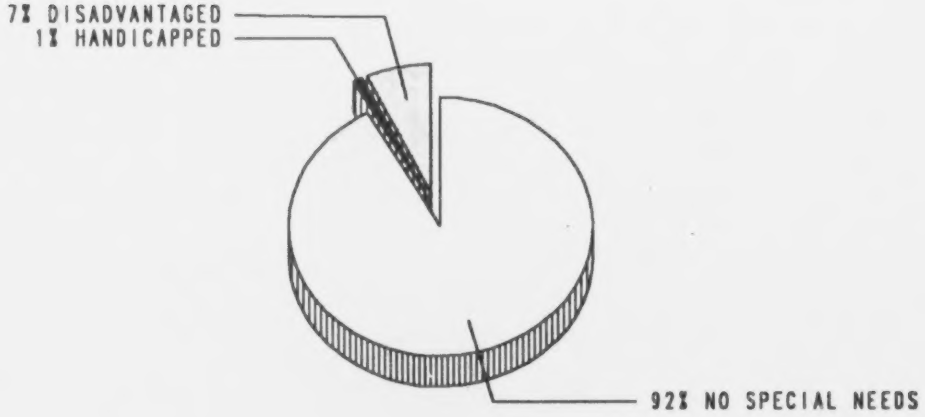
3. A dash (-) indicates "not applicable."

Special needs students may be enrolled in a separate vocational education program or in a mainstream program with regular students. In 1988-89, 83.3 percent of the handicapped, 90.1 percent of the disadvantaged, and 69.8 percent of the limited English proficient students were in a mainstream program.

FIGURE 4
VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS
1988-89



SECONDARY



ADULT

Note: 1. Students in state correctional institutions (1,052 secondary and 3,120 adult) are not included in this data.

2. Disadvantaged enrollments include limited English proficiency enrollments.

TABLE 6

JOB TRAINING PARTNERSHIP ACT (JTPA)
STATE EDUCATION GRANT ENROLLMENTS AND COMPLETERS
1988-89

	Enrollments	Completers
TOTAL	13 590	9 159
AGRICULTURE EDUCATION	18	12
Horticulture	18	12
BUSINESS EDUCATION	530	345
Accounting, bookkeeping, and related programs	79	61
Business data processing and related programs	14	11
Computer and console operation	36	16
Data entry operation	37	20
Secretarial and related programs	33	24
Secretarial, executive	2	1
Secretarial, legal	4	0
Secretarial, medical	32	22
Stenographic	10	10
Typing, general office, and related programs	155	86
Word processing	112	86
Other business education	16	8
HEALTH OCCUPATIONS EDUCATION	840	468
Dental services	49	24
Diagnostic and treatment services	25	19
Health unit coordinating	12	11
Medical assisting	41	15
Medical laboratory technology	32	15
Mental health/human services assisting	42	28
Nursing	206	117
Nursing-related services	102	67
Practical nursing	310	170
Rehabilitation service	13	1
Other health occupations education	8	1
MARKETING AND DISTRIBUTIVE EDUCATION	5	1
General marketing	3	1
Other marketing and distributive education	2	0

TABLE 6

JOB TRAINING PARTNERSHIP ACT (JTPA)
STATE EDUCATION GRANT ENROLLMENTS AND COMPLETERS--Concluded
1988-89

	Enrollments	Completers
OCCUPATIONAL HOME ECONOMICS EDUCATION	144	95
Food production, management, and services	94	71
Homemaker's aide	27	11
Other occupational home economics education	23	13
TRADE AND INDUSTRIAL EDUCATION	481	300
Air conditioning, heating and refrigeration technology	10	7
Building and property maintenance	26	10
Carpentry	13	12
Computer and information sciences	41	22
Cosmetology	16	7
Data processing	19	4
Drafting	27	17
Drafting and design technology	5	1
Electrical and electronic technology	28	25
Electrical and electronics equipment repair	23	13
Electrical and power transmission installation	28	22
Electromechanical instrumentation & maintenance technology	15	15
Graphic and printing communications	33	21
Heating, air conditioning, and refrigeration mechanics	16	10
Industrial equipment maintenance and repair	28	5
Machine shop	33	21
Security services	7	7
Vehicle and mobile equipment mechanics and repair	53	35
Welding	25	23
Other trade and industrial education	35	23
NOT ELSEWHERE CLASSIFIED	11 572	7 938
Adult basic education	4 401	3 139
English as a second language	244	209
General educational development	4 902	3 397
Other not elsewhere classified	2 025	1 193

Source: Pennsylvania Department of Labor and Industry

TABLE 7

STATUS OF 1987-88 COMPLETERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS
1989 FOLLOW-UP SURVEY

		Percent of Respondents						
		Gainfully Placed					Unemployed	
	1987-88 Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
SECONDARY TOTAL	38 547	35.9	24.5	5.8	23.7	89.9	6.6	3.5
Male	18 092	35.1	26.7	11.8	19.3	92.9	6.0	1.2
Female	20 455	36.6	22.8	1.2	27.0	87.6	7.1	5.3
Agriculture Education	1 906	32.8	33.5	8.3	16.5	91.1	5.9	3.0
Male	1 374	34.4	32.9	11.2	15.8	94.3	4.7	1.1
Female	532	29.1	34.9	1.5	18.2	83.6	8.7	7.6
Business Education	14 124	31.8	20.3	2.5	35.6	90.2	6.3	3.4
Male	2 653	10.5	23.7	11.6	48.1	93.8	5.2	1.0
Female	11 471	35.4	19.8	1.0	33.4	89.6	6.5	3.9
Health Occupations Education	1 352	41.1	19.0	2.5	25.8	88.4	7.0	4.6
Male	51	25.9	11.1	22.2	37.0	96.3	3.7	0.0
Female	1 301	41.7	19.3	1.8	25.4	88.1	7.2	4.7
Marketing and Distributive Education	2 059	36.7	23.5	3.7	22.7	86.6	8.1	5.3
Male	687	27.6	28.8	10.5	26.1	93.0	3.5	3.5
Female	1 372	40.2	21.5	1.1	21.3	84.1	9.8	6.1
Occupational Home Economics Education	1 920	34.8	23.3	4.5	16.2	78.8	11.9	9.3
Male	582	39.6	15.9	13.5	17.6	86.5	12.2	1.2
Female	1 338	33.0	26.1	1.1	15.7	75.9	11.7	12.3
Trade and Industrial Education	14 917	39.4	27.7	9.3	14.7	91.1	6.4	2.5
Male	11 571	39.6	26.9	11.8	14.5	92.9	6.1	1.0
Female	3 346	38.8	30.0	1.7	15.3	85.8	7.2	7.1
Not Elsewhere Classified	2 269	39.8	28.1	6.1	17.4	91.3	5.3	3.4
Male	1 174	39.6	27.2	11.8	13.7	92.3	6.0	1.7
Female	1 095	39.9	29.0	0.4	21.0	90.3	4.5	5.1

Note: 1. Due to rounding factors, percentages may not add to 100.0 percent.

2. A student giving multiple responses is counted in only one of the employment status categories. A student who responded as pursuing additional education as well as either employed not related to training, unemployed looking, or unemployed not looking is counted only in the pursuing additional education category. A student who responded as both pursuing additional education and employed related to training is counted only in the employed related to training category. A student who responded as both pursuing additional education and military service is counted only in the military service category.

The student follow-up survey of 1987-88 completers of approved secondary vocational education programs was conducted during the summer of 1989. The total response rate was 49.0 percent. Of the male completers, 45.4 percent responded, while 52.1 percent of the female completers responded.

TABLE 8

STATUS OF 1987-88 COMPLETERS OF VOCATIONAL EDUCATION ADULT PROGRAMS
1989 FOLLOW-UP SURVEY

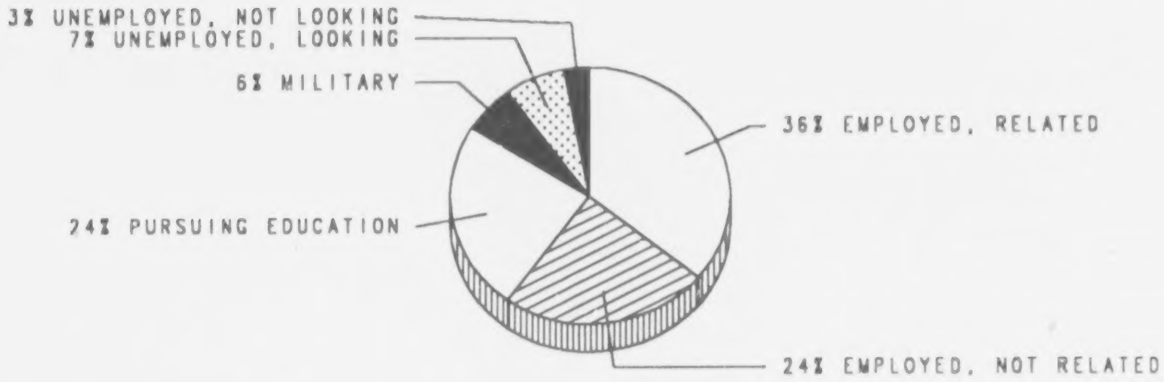
		Percent of Respondents						
		Gainfully Placed					Unemployed	
	1987-88 Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total	Unemployed Looking	Unemployed Not Looking
ADULT TOTAL	4 585	54.9	25.5	0.2	4.9	85.6	6.8	7.6
Male	1 878	45.4	35.3	0.4	5.3	86.4	7.5	6.1
Female	2 707	60.5	19.8	0.1	4.7	85.2	6.4	8.4
Agriculture Education	14	14.3	71.4	0.0	0.0	85.7	0.0	14.3
Male	14	14.3	71.4	0.0	0.0	85.7	0.0	14.3
Female	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Business Education	936	36.0	35.6	0.0	6.4	78.0	12.4	9.6
Male	57	25.8	41.9	0.0	12.9	80.6	12.9	6.5
Female	879	36.6	35.3	0.0	6.0	77.9	12.4	9.8
Health Occupations Education	1 407	84.5	5.1	0.2	2.8	92.7	2.1	5.2
Male	96	80.4	7.8	0.0	3.9	92.2	0.0	7.8
Female	1 311	84.8	4.9	0.2	2.8	92.7	2.3	5.0
Marketing and Distributive Education	13	16.7	41.7	0.0	33.3	91.7	0.0	8.3
Male	6	20.0	60.0	0.0	20.0	100.0	0.0	0.0
Female	7	14.3	28.6	0.0	42.9	85.7	0.0	14.3
Occupational Home Economics Education	214	34.9	22.2	0.0	11.1	68.3	17.5	14.3
Male	66	21.1	31.6	0.0	5.3	57.9	26.3	15.8
Female	148	40.9	18.2	0.0	13.6	72.7	13.6	13.6
Trade and Industrial Education	2 001	42.0	37.1	0.4	5.3	84.7	7.2	8.1
Male	1 639	44.9	36.4	0.5	5.0	86.8	7.4	5.7
Female	362	30.1	39.8	0.0	6.3	76.2	6.3	17.5

Note: 1. Due to rounding factors, percentages may not add to 100.0 percent.

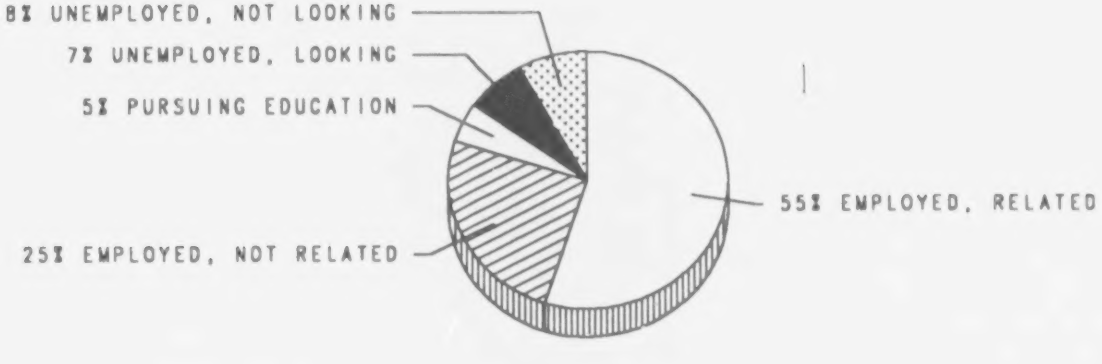
2. A student giving multiple responses is counted in only one of the employment status categories. A student who responded as pursuing additional education as well as either employed not related to training, unemployed looking, or unemployed not looking is counted only in the pursuing additional education category. A student who responded as both pursuing additional education and employed related to training is counted only in the employed related to training category. A student who responded as both pursuing additional education and military service is counted only in the military service category.

The student follow-up survey of 1987-88 completers of adult vocational education programs was conducted during the summer of 1989. The total response rate was 56.1 percent. Of the male completers, 50.5 percent responded, while 60.0 percent of the female completers responded.

FIGURE 5
STATUS OF 1987-88 COMPLETERS OF VOCATIONAL EDUCATION PROGRAMS
1989 FOLLOW-UP SURVEY



SECONDARY



ADULT

Note: The military service category is not shown because it represents less than one percent of the total.

TABLE 9

AVERAGE SALARY OF 1987-88 COMPLETERS OF VOCATIONAL EDUCATION PROGRAMS
1989 FOLLOW-UP SURVEY

	Average Hourly Salary		
	Total	Male	Female
SECONDARY	$ 6.05	$ 6.61	$ 5.54
Agriculture Education	5.57	5.84	4.63
Business Education	5.78	6.34	5.75
Health Occupations Education	5.34	-	5.34
Marketing and Distributive Education	5.20	5.68	5.05
Occupational Home Economics Education	4.82	5.26	4.53
Trade and Industrial Education	6.53	6.77	5.44
Not Elsewhere Classified	6.01	6.58	5.33
ADULT	8.30	9.43	7.69
Agriculture Education	-	-	-
Business Education	6.23	8.65	6.11
Health Occupations Education	8.22	8.21	8.22
Marketing and Distributive Education	-	-	-
Occupational Home Economics Education	5.63	6.91	5.27
Trade and Industrial Education	9.34	9.60	7.04

Note: 1. The average hourly salary was computed from salaries reported by respondents employed 35 or more hours per week in a field related to their training.

2. A dash (-) indicates insufficient response.

TABLE 10

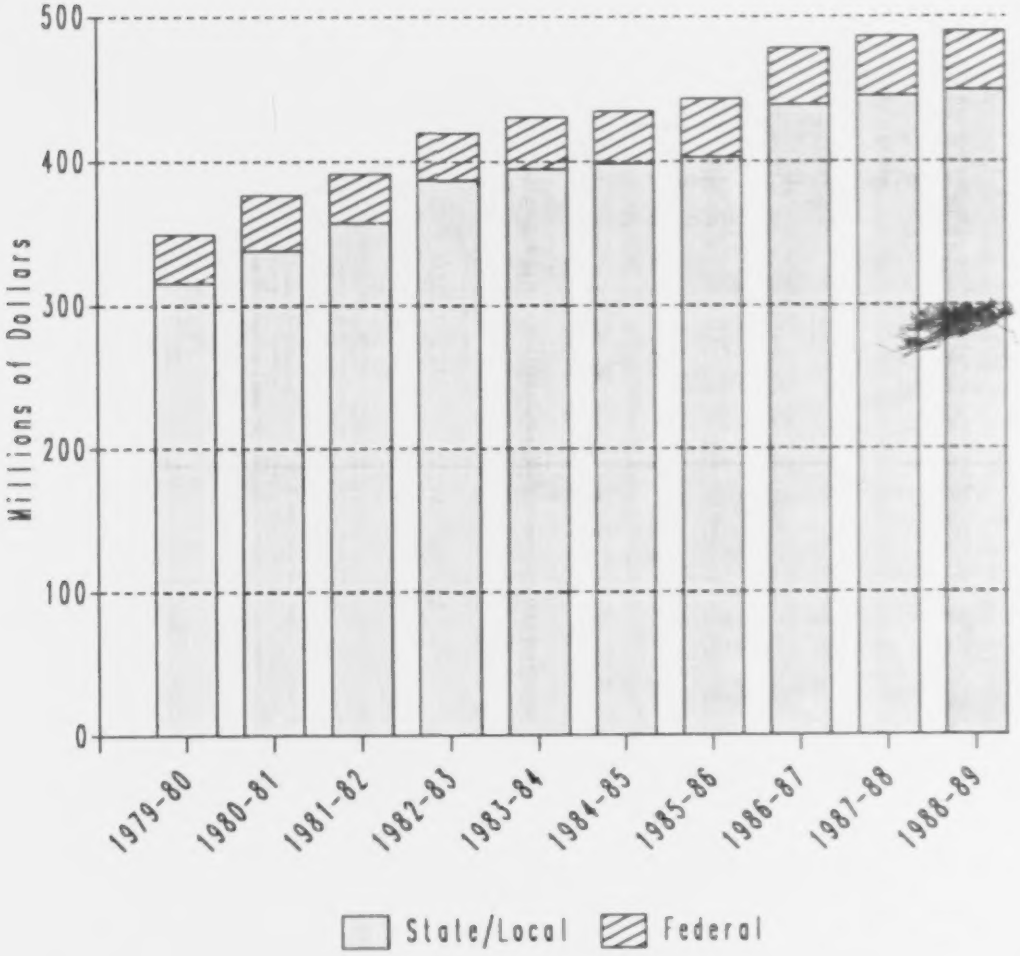
SUPPORT FOR VOCATIONAL EDUCATION
FISCAL YEARS 1979-80 THROUGH 1988-89

(In Thousands)

	Total	State/Local	Federal
1979-80	$ 348 843	$ 315 015	$ 33 828
1980-81	376 390	337 797	38 593
1981-82	390 666	356 841	33 825
1982-83	419 119	386 963	32 156
1983-84	430 145	394 227	35 918
1984-85	434 240	398 187	36 053
1985-86	442 884	402 741	40 143
1986-87	477 726	438 974	38 752
1987-88	486 030	444 836	41 194
1988-89	489 316	448 843	40 473

Source: Bureau of Basic Education Fiscal Administration

FIGURE 6
SUPPORT FOR VOCATIONAL EDUCATION
FISCAL YEARS 1979-80 THROUGH 1988-89



Source: Bureau of Basic Education Fiscal Administration

TABLE 11

TEACHERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS
1984-85 THROUGH 1988-89

	1984-85	1985-86	1986-87	1987-88	1988-89
TOTAL	6 380	6 142	5 908	5 554	5 122
Agriculture Education	319	311	302	289	265
Business Education	2 541	2 466	2 390	2 295	2 056
Health Occupations Education	161	150	150	142	130
Marketing and Distributive Education	185	167	156	154	141
Occupational Home Economics Education	244	235	219	211	208
Technical Education	250	243	-	-	-
Trade and Industrial Education	1 507	1 438	1 623	1 567	1 532
Not Elsewhere Classified	167	145	136	108	92
Consumer and Homemaking Education	1 006	987	932	769	679
Industrial Arts Education	-	-	-	19	19

Note: 1. As of 1986-87, the technical education program field is included in the trade and industrial education program field.

2. In 1987-88, the Pennsylvania Department of Education began approving programs in industrial arts education.

FIGURE 7
TEACHERS OF APPROVED VOCATIONAL EDUCATION SECONDARY PROGRAMS BY AGE
1988-89

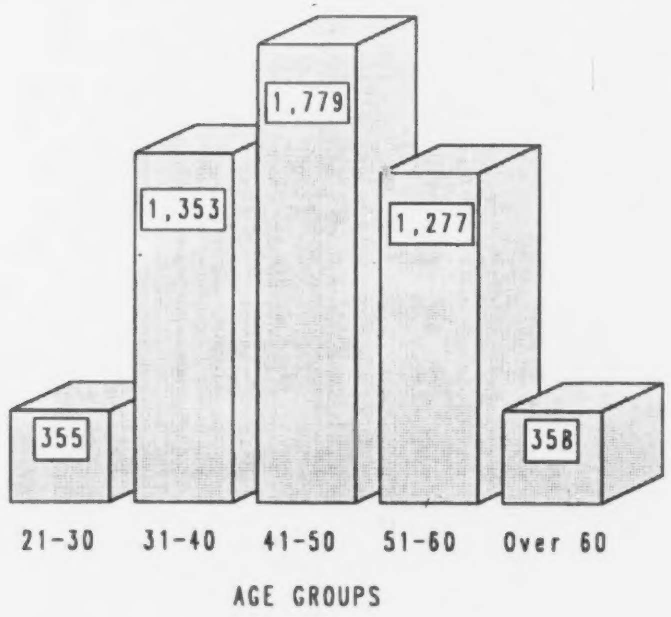


TABLE 12

EDUCATION LEVEL AND WEIGHTED AVERAGE HOURLY SALARY FOR TEACHERS OF VOCATIONAL EDUCATION ADULT PROGRAMS 1988-89

	Total	Education Level						Weighted Average Hourly Salary 1/
		High School or Less	College 1 to 2 Years	College 3 Years	Bachelor's Degree	Master's Degree	Doctorate	
TOTAL	2 501	422	603	150	839	472	15	$ 17.81
Agriculture Education	113	10	12	0	52	36	3	16.35
Business Education	601	45	65	18	293	171	9	19.18
Health Occupations Education	377	29	78	35	173	61	1	17.25
Marketing and Distributive Education	36	8	5	2	14	7	0	18.91
Occupational Home Economics Education	85	32	20	4	21	8	0	16.39
Trade and Industrial Education	1 249	291	417	90	268	181	2	18.36
Not Elsewhere Classified	2	0	2	0	0	0	0	10.33
Consumer and Homemaking Education	38	7	4	1	18	8	0	15.62

1/ Total annual salaries divided by total teaching hours.

APPENDIX A

GLOSSARY

ADULT PROGRAM - A vocational education program offered in public secondary schools, intermediate units, and state correctional institutions to students who have completed or left high school.

APPROVED PROGRAM - A program offered by a local education agency certified in writing by the Pennsylvania Department of Education (PDE) as meeting the State Board of Education regulations and PDE standards for vocational education.

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS) - A specialized high school used principally for providing vocational education.

COMPLETER - A student who has completed a planned sequence of courses designed to meet a vocational occupational objective.

JOB TRAINING PARTNERSHIP ACT (JTPA) (State Education Grant) - A federal/state education and training program administered by the Pennsylvania Department of Education, targeted to economically disadvantaged youths and adults fourteen years of age and older.

NOT ELSEWHERE CLASSIFIED - A single-skill or special vocational education program that cannot be classified under any of the other eight program fields.

OCCUPATIONAL PROGRAM - A vocational education program that prepares students for employment. Includes all vocational education reported except consumer and homemaking education and industrial arts education.

POSTSECONDARY PROGRAM - A program offered in colleges and universities below the bachelor's level that is specifically designed to provide occupational preparation.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa.

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

NONRESIDENT ALIEN - A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

SECONDARY PROGRAM - A vocational education program offered in public secondary schools, intermediate units, and state correctional institutions to students in grades nine through twelve (including ungraded students in the same age group as those students in grades nine through twelve, and adults enrolled in secondary programs).

SPECIAL NEEDS CATEGORIES:

DISADVANTAGED - Refers to a student who is either academically or economically disadvantaged for reason other than handicapped. Includes those who are of limited English proficiency.

HANDICAPPED - Refers to a student evaluated as being brain damaged, deaf, hearing impaired, learning disabled, mentally retarded educable, mentally retarded trainable, mentally retarded severely/ profoundly, physically handicapped, socially and emotionally disturbed, speech and language impaired, or visually impaired, who because of those impairments requires special education and related services.

LIMITED ENGLISH PROFICIENCY - Refers to a student who is a member of a national origin minority who does not speak and understand the English language in an instructional setting well enough to benefit from vocational studies to the same extent as a student whose primary language is English. These students are considered to be disadvantaged.

APPENDIX B

SOURCES

1. Vocational Secondary Students Aggregate Enrollment Report (PDE-4051)

2. Adults Enrolled in Approved Secondary Vocational Programs (PDE-4090)

3. Special Federally Funded Handicapped and Disadvantaged Vocational Students Aggregate Enrollment Report (PDE-4046-B)

4. Vocational Adult Students Aggregate Enrollment Report (PDE-4049)

5. Fall Enrollment in Occupationally Specific Programs (PDE-4094)

6. JTPA MIS Change and Termination Notice (JTPA 2)

7. Secondary Vocational Student Follow-up (PDE-4519)

8. Adult Vocational Student Follow-up (PDE-4520)

9. Vocational Education Professional Personnel (Secondary Level) (PDE-5023)

10. Basic Data for Personnel Servicing Vocational Education Programs (Adult Level) (PDE-5025)

11. Completions (PDE-4093)

12. *Education Statistics: Projections to 1993-94* (1989), Pennsylvania Department of Education

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Teachers Prepared
1988-89

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1988-89

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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Donald M. Carroll, Jr., Secretary

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May 1990

Pennsylvania Department of Education
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HIGHLIGHTS

* During 1988-89, a total of 7,327 new teachers were prepared, consisting of 3,405 elementary, 2,127 secondary, 1,054 K-12, and 741 special education teachers.

* The 7,327 teachers represented an increase of 9.2 percent from the number prepared in 1987-88.

* The state universities produced 51.9 percent of the total teachers prepared during 1988-89. Private colleges and universities produced 30.4 percent; state-related commonwealth universities, 16.6 percent; and private state-aided institutions, 1.1 percent.

* For those graduates for which institutions knew the employment status, 64.7 percent were engaged in teaching as of November 1, 1989. Of those graduates placed in teaching positions, 73.6 percent were employed in Pennsylvania.

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OVERVIEW

After several years of decline in the supply of teachers, the number of new teachers prepared with initial certification has shown an upward trend in recent years, with 1987-88 being an exception. New teachers prepared increased 15.5 percent in 1986-87 and 9.2 percent in 1988-89 over the respective preceding years.

For the past three years, the preparation of elementary teachers showed a strong growth. Compared to 1987-88, the number of elementary teachers increased by 8.4 percent in 1988-89. Secondary teachers showed an increase of 17.0 percent and special education, 7.9 percent. However, a slight decrease of 0.9 percent occurred in the K-12 category.

By institutional category in 1988-89, new teachers consisted of 3,804 from state universities, 1,214 from state-related commonwealth universities, 81 from private state-aided institutions and 2,228 from private colleges and universities. This data, when compared to 1987-88, showed increases of 11.1 percent for state universities, 13.7 percent for state-related commonwealth universities, 8.0 percent for private state-aided institutions, and 4.0 percent for private colleges and universities.

Of the five largest disciplines, early childhood showed the greatest increase, 17.6 percent, followed by social studies, 16.5 percent, when compared to 1987-88 graduates. The other three disciplines showing increases were mathematics, 15.1 percent; mentally and physically handicapped, 10.0 percent; and elementary (general), 6.8 percent.

Information provided by the institutions showed that 34.5 percent of all teachers prepared were teaching and 18.8 percent were not teaching. For the remaining 46.7 percent, the institutions had no information. The placement by type of preparation showed that of the teachers prepared with known employment status within a specific category, elementary placed

70.2 percent in teaching positions; special education, 68.0 percent; and secondary, 53.2 percent.

Analysis by race and sex of all new teachers prepared in 1988-89 showed only 3.9 percent were minorities, whereas, the total full-time minority enrollment in Pennsylvania colleges and universities was 12.2 percent during the same period. However, females continue to dominate the profession with 78.3 percent of all new teachers prepared.

It is expected that, on the average, 1,143 new job openings will occur in preschool, elementary and secondary education annually through 1995 due to growth in basic education enrollments. An informal survey of selected teacher preparing institutions shows that enrollments have grown in the field of education in recent years. Because of this, it is generally felt the number of new teachers will meet the demand in most fields. However, some shortages may occur in selected curriculum and in selected geographical areas in the near future.

TABLE 1

TEACHERS PREPARED BY TYPE
1979-80 THROUGH 1988-89

	Total	Elementary	Secondary	K-12	Special Education
1979-80	8 444	2 996	1 602	2 379	1 467
1980-81	7 396	2 570	1 476	1 977	1 373
1981-82	7 172	2 446	1 385	1 761	1 580
1982-83	6 414	2 322	1 189	1 569	1 334
1983-84	5 987	2 263	1 270	1 360	1 094
1984-85	5 961	2 384	1 372	1 290	915
1985-86	5 946	2 446	1 530	1 146	824
1986-87	6 866	2 933	1 929	1 154	850
1987-88	6 709	3 140	1 818	1 064	687
1988-89	7 327	3 405	2 127	1 054	741

TABLE 2

TEACHERS PREPARED BY INSTITUTIONAL CATEGORY
1979-80 THROUGH 1988-89

	Total	State Universities	State-Related Commonwealth Universities	Private State-Aided Institutions	Private Colleges and Universities
1979-80	8 444	4 716	1 682	78	1 968
1980-81	7 396	4 173	1 393	57	1 773
1981-82	7 172	3 659	1 542	60	1 911
1982-83	6 414	3 419	1 224	51	1 720
1983-84	5 987	3 255	1 013	56	1 663
1984-85	5 961	3 178	1 030	65	1 688
1985-86	5 946	3 015	913	86	1 932
1986-87	6 866	3 268	1 205	106	2 287
1987-88	6 709	3 423	1 068	75	2 143
1988-89	7 327	3 804	1 214	81	2 228

FIGURE 1

TEACHERS PREPARED
1979-80 THROUGH 1988-89

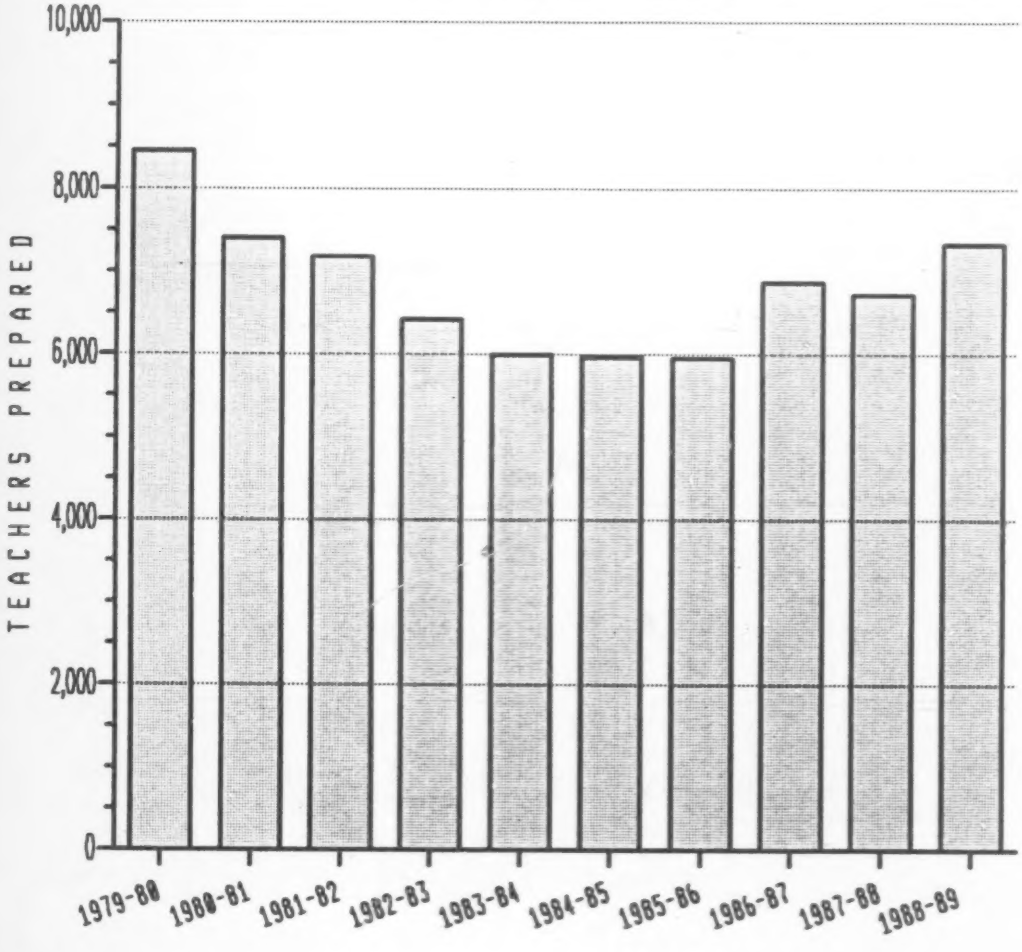

TABLE 3

EMPLOYMENT STATUS OF TEACHERS PREPARED
1979-80 THROUGH 1988-89

	Total	Teaching		Not Teaching		Unknown	
		Number	Percent	Number	Percent	Number	Percent
1979-80	8 444	3 598	42.6	2 255	26.7	2 591	30.7
1980-81	7 396	3 003	40.6	2 073	28.0	2 320	31.4
1981-82	7 172	2 606	36.3	1 929	26.9	2 637	36.8
1982-83	6 414	2 447	38.2	1 774	27.7	2 193	34.2
1983-84	5 987	2 395	40.0	1 583	26.4	2 009	33.6
1984-85	5 961	2 530	42.4	1 286	21.6	2 145	36.0
1985-86	5 946	2 695	45.3	1 360	22.9	1 891	31.8
1986-87	6 866	2 771	40.4	1 368	19.9	2 727	39.7
1987-88	6 709	2 680	40.0	1 432	21.3	2 597	38.7
1988-89	7 327	2 524	34.5	1 380	18.8	3 423	46.7

TABLE 4

TEACHERS PREPARED BY AREA OF CERTIFICATION
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
TOTAL	8 444	7 396	7 172	6 414	5 987	5 961	5 946	6 866	6 709	7 327
ELEMENTARY	2 996	2 570	2 446	2 322	2 263	2 384	2 446	2 933	3 140	3 405
Elementary, General	2 371	2 020	1 927	1 823	1 838	1 852	2 021	2 429	2 674	2 857
Early Childhood	625	550	519	499	425	532	425	504	466	548
SECONDARY	1 602	1 476	1 385	1 189	1 270	1 372	1 530	1 929	1 818	2 127
Business Education	189	208	168	167	131	148	154	177	113	143
Communications	105	104	81	86	58	61	65	49	63	45
English	264	242	209	194	223	212	264	312	287	421
Environmental Education	-	-	-	-	-	-	-	-	3	11
Mathematics	178	158	162	146	211	287	338	462	431	496
Physics and Mathematics	7	10	20	2	7	3	11	9	23	10
Sciences, Total	235	248	211	179	255	302	340	441	430	475
Biology	127	146	115	111	133	168	187	214	206	246
Chemistry	26	25	34	22	45	49	64	93	76	90
Earth and Space	30	34	32	17	34	28	27	30	56	49
General	40	30	27	26	31	38	29	75	59	57
Physics	12	13	3	3	12	19	33	29	33	33
Social Studies	489	369	370	283	284	262	294	342	425	495
Vocational Education	133	137	164	132	100	93	64	137	42	27
Other Secondary	2	0	0	0	1	4	0	0	1	4
K-12	2 379	1 977	1 761	1 569	1 360	1 290	1 146	1 154	1 064	1 054
Agriculture	45	35	45	27	17	17	12	16	16	5
Art	291	237	211	188	165	147	156	164	130	133
Foreign Languages, Total	184	150	143	101	112	103	104	116	118	141
French	49	44	44	34	32	34	32	30	34	40
German	26	21	20	11	8	11	18	19	18	17
Italian	5	6	4	2	2	0	0	0	1	0
Latin	7	5	7	4	3	8	9	5	7	7
Russian	3	0	0	1	2	0	0	1	0	1
Spanish	92	71	65	49	64	49	43	61	58	75
Other	2	3	3	0	1	1	2	0	0	1
Health	37	33	15	23	13	20	16	28	25	9
Health & Physical Education	841	697	620	597	473	412	354	338	301	277
Home Economics	149	103	95	62	39	40	26	21	17	21
Industrial Arts	236	162	135	161	147	145	109	89	76	61
Library Science	84	91	74	62	56	42	35	32	41	33
Music	512	469	423	348	335	259	272	272	282	234
Reading Specialist	0	0	0	0	3	105	62	78	58	140
SPECIAL EDUCATION	1 467	1 373	1 580	1 334	1 094	915	824	850	687	741
Hearing Impaired	34	39	43	33	97	27	29	30	22	22
Mentally/Physically Handicapped	1 095	1 030	1 205	1 011	830	697	603	652	542	596
Speech/Language Impaired	303	269	297	259	148	173	156	125	110	112
Visually Impaired	35	35	35	31	19	18	36	43	13	11

Note: A dash (-) indicates "not applicable."

TABLE 5

EMPLOYMENT STATUS OF TEACHERS BY TYPE OF PREPARATION
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
TOTAL	8 444	7 396	7 172	6 414	5 987	5 961	5 946	6 866	6 709	7 327
Teaching	3 598	3 003	2 606	2 447	2 395	2 530	2 695	2 771	2 680	2 524
In-State	2 595	2 160	1 904	1 744	1 670	1 788	1 912	2 074	1 959	1 857
Out-of-State	1 003	843	702	703	725	742	783	697	721	667
Not Teaching	2 255	2 073	1 929	1 774	1 583	1 286	1 360	1 368	1 432	1 380
Otherwise Gainfully Employed	898	870	637	691	559	468	447	480	442	614
Continuing Formal Study	484	395	441	390	305	283	290	269	274	262
Other	873	808	851	693	719	535	623	619	716	504
Unknown	2 591	2 320	2 637	2 193	2 009	2 145	1 891	2 727	2 597	3 423
ELEMENTARY	2 996	2 570	2 446	2 322	2 263	2 384	2 446	2 933	3 140	3 405
Teaching	1 409	1 074	977	1 015	950	1 012	1 154	1 306	1 330	1 288
In-State	1 043	788	759	750	686	737	777	975	987	936
Out-of-State	366	286	218	265	264	275	377	331	343	352
Not Teaching	805	737	721	646	594	500	523	553	612	546
Otherwise Gainfully Employed	291	246	200	236	227	168	162	172	158	228
Continuing Formal Study	131	112	109	92	72	75	65	69	91	81
Other	383	379	412	318	295	257	296	312	363	237
Unknown	782	759	748	661	719	872	769	1 074	1 198	1 571
SECONDARY	1 602	1 476	1 385	1 189	1 270	1 372	1 530	1 929	1 818	2 127
Teaching	614	533	473	433	501	591	662	664	635	570
In-State	476	440	378	332	373	441	526	529	486	445
Out-of-State	138	93	95	101	128	150	136	135	149	125
Not Teaching	463	403	350	298	311	295	354	364	413	501
Otherwise Gainfully Employed	189	209	140	125	108	130	120	135	158	245
Continuing Formal Study	97	69	78	65	58	48	52	62	59	80
Other	177	125	132	108	145	117	182	167	196	176
Unknown	525	540	562	458	458	486	514	901	770	1 056
K-12	2 379	1 977	1 761	1 569	1 360	1 290	1 146	1 154	1 064	1 054
Teaching	812	662	533	451	439	465	452	400	397	364
In-State	581	464	365	314	287	297	331	288	282	274
Out-of-State	231	198	168	137	152	168	121	112	115	90
Not Teaching	716	642	517	493	438	304	282	255	269	191
Otherwise Gainfully Employed	322	310	208	224	165	126	110	139	94	111
Continuing Formal Study	159	123	112	98	79	68	74	37	64	35
Other	235	209	197	171	194	110	98	79	111	45
Unknown	851	673	711	625	483	521	412	499	398	499
SPECIAL EDUCATION	1 467	1 373	1 580	1 334	1 094	915	824	850	687	741
Teaching	763	734	623	548	505	462	427	401	318	302
In-State	495	468	402	348	324	313	278	282	204	202
Out-of-State	268	266	221	200	181	149	149	119	114	100
Not Teaching	271	291	341	337	240	187	201	196	138	142
Otherwise Gainfully Employed	96	105	89	106	59	44	55	34	32	30
Continuing Formal Study	97	91	142	135	96	92	99	101	60	66
Other	78	95	110	96	85	51	47	61	46	46
Unknown	433	348	616	449	349	266	196	253	231	297

TABLE 6

EMPLOYMENT STATUS OF TEACHERS PREPARED BY AREA OF CERTIFICATION
1988-89

	TEACHING			NOT TEACHING				
	All	In-State	Out-of-State	All	Otherwise Gainfully Employed	Continuing Formal Study	Other	Unknown
TOTAL	2 524	1 857	667	1 380	614	262	504	3 423
ELEMENTARY	1 288	936	352	546	228	81	237	1 571
Elementary, General	1 037	725	312	467	198	67	202	1 353
Early Childhood	251	211	40	79	30	14	35	218
SECONDARY	570	445	125	501	245	80	176	1 056
Accounting	11	10	1	11	5	1	5	22
Biology	68	50	18	62	33	9	20	116
Chemistry	33	28	5	17	8	3	6	40
Communications	7	4	3	14	5	0	9	24
Cooperative Education	0	0	0	0	0	0	0	4
Data Processing	5	5	0	3	1	1	1	14
Earth and Space Science	13	10	3	8	2	4	2	28
English	128	97	31	94	52	15	27	199
Environmental Education	1	0	1	4	1	0	3	6
General Science	12	11	1	9	2	1	6	36
Marketing	2	2	0	5	3	0	2	6
Marketing & Distributive Educ.	0	0	0	2	1	0	1	7
Mathematics	160	125	35	108	51	24	33	228
Office Technology	1	1	0	5	3	0	2	31
Physics	14	13	1	7	4	0	3	12
Physics and Mathematics	4	4	0	0	0	0	0	6
Secretarial	6	5	1	5	1	1	3	7
Social Studies	99	74	25	143	73	18	52	253
Vocational Education	6	6	0	4	0	3	1	17
K-12	364	274	90	191	111	35	45	499
Agriculture	0	0	0	0	0	0	0	5
Art	48	35	13	35	16	4	15	51
Foreign Languages	49	39	10	22	11	3	8	65
Health	3	3	0	6	1	1	4	4
Health and Physical Education	70	47	23	60	41	13	6	147
Home Economics	9	7	2	2	2	0	0	10
Industrial Arts	28	22	6	11	8	2	1	22
Library Science	15	12	3	6	2	0	4	12
Music	93	62	31	43	27	11	5	98
Reading Specialist	49	47	2	6	3	1	2	85
SPECIAL EDUCATION	302	202	100	142	30	66	46	297
Hearing Impaired	6	3	3	2	0	2	0	14
Mentally/Physically Handicapped	267	180	87	82	21	20	41	247
Speech/Language Impaired	23	14	9	54	9	41	4	35
Visually Impaired	6	5	1	4	0	3	1	1

TABLE 7

TEACHERS PREPARED BY AREA OF CERTIFICATION BY RACE AND SEX
1988-89

	Total		American Indian/ Alaskan Native		Asian/ Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)		Nonresident Alien	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL	1 586	5 741	2	6	10	22	39	147	15	32	1 516	5 528	4	6
ELEMENTARY	247	3 158	0	3	2	8	13	72	1	9	231	3 064	0	2
Elementary, General	240	2 617	0	3	2	4	12	54	0	8	226	2 546	0	2
Early Childhood	7	541	0	0	0	4	1	18	1	1	5	518	0	0
SECONDARY	898	1 229	2	2	5	5	14	39	7	3	870	1 180	0	0
Accounting	17	27	0	0	0	0	0	2	1	0	16	25	0	0
Biology	81	165	0	1	0	0	0	2	0	0	81	162	0	0
Chemistry	34	56	1	0	0	1	1	1	0	0	32	54	0	0
Communication	11	34	0	0	0	0	0	0	0	0	11	34	0	0
Cooperative Education	0	4	0	0	0	0	0	0	0	0	0	4	0	0
Data Processing	7	15	0	0	0	0	0	0	0	0	7	15	0	0
Earth and Space Science	27	22	0	0	0	0	0	1	0	0	27	21	0	0
English	97	324	0	0	0	0	1	11	0	0	96	313	0	0
Environmental Education	3	8	0	0	0	0	0	0	0	0	3	8	0	0
General Science	34	23	0	0	0	1	1	1	0	0	33	21	0	0
Marketing	4	9	0	0	0	0	0	1	0	0	4	8	0	0
Marketing and Distributive Education	4	5	0	0	0	0	2	2	0	0	2	3	0	0
Mathematics	199	297	0	1	3	3	3	7	2	0	191	286	0	0
Office Technology	3	34	0	0	0	0	0	1	0	0	3	33	0	0
Physics	25	8	0	0	0	0	0	0	0	0	25	8	0	0
Physics and Mathematics	6	4	0	0	0	0	0	0	0	0	6	4	0	0
Secretarial	1	17	0	0	0	0	0	1	0	0	1	16	0	0
Social Studies	337	158	1	0	2	0	6	8	4	3	324	147	0	0
Vocational Education	8	19	0	0	0	0	0	1	0	0	8	18	0	0

TABLE 7

TEACHERS PREPARED BY AREA OF CERTIFICATION BY RACE AND SEX--Concluded
1988-89

	Total		American Indian/ Alaskan Native		Asian/ Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)		Nonresident Alien	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
K-12	**376**	**678**	**0**	**1**	**3**	**5**	**12**	**18**	**7**	**15**	**351**	**636**	**3**	**3**
Agriculture	5	0	0	0	0	0	0	0	0	0	5	0	0	0
Art	33	100	0	1	1	0	1	4	0	3	31	92	0	0
Foreign Languages	27	114	0	0	0	2	1	3	4	11	22	97	0	1
Health	4	5	0	0	0	0	0	0	0	0	3	5	1	0
Health and Physical Education	135	142	0	0	1	0	2	1	1	0	129	141	2	0
Home Economics	0	21	0	0	0	0	0	1	0	0	0	20	0	0
Industrial Arts	60	1	0	0	0	0	2	0	2	0	56	1	0	0
Library Science	4	29	0	0	0	1	0	0	0	1	4	27	0	0
Music	94	140	0	0	1	2	6	3	0	0	87	134	0	1
Reading Specialist	14	126	0	0	0	0	0	6	0	0	14	119	0	1
SPECIAL EDUCATION	**65**	**676**	**0**	**0**	**0**	**4**	**0**	**18**	**0**	**5**	**64**	**648**	**1**	**1**
Hearing Impaired	0	22	0	0	0	0	0	0	0	0	0	22	0	0
Mentally/Physically Handicapped	63	533	0	0	0	3	0	16	0	4	62	509	1	1
Speech/Language Impaired	2	110	0	0	0	1	0	2	0	1	2	106	0	0
Visually Impaired	0	11	0	0	0	0	0	0	0	0	0	11	0	0

TABLE 8

OUTLOOK OF TEACHER DEMAND IN PENNSYLVANIA
1984-1995

Location/Occupation	Employment				Annual Average Job Openings 1984-1995		
	Estimated 1984	Projected 1995	Change 1984-1995 Number	Percent	Due to Growth	Due to Labor Force Separation 1/	Annual Average Total
State Total							
Preschool & Elementary	60 695	67 834	7 139	11.8	649	1 491	2 140
Secondary	65 044	70 478	5 434	8.4	494	1 430	1 924
Allentown-Bethlehem MSA							
Preschool & Elementary	3 624	4 254	630	17.4	57	91	148
Secondary	3 167	3 551	384	12.1	35	71	106
Altoona MSA							
Preschool & Elementary	703	772	69	9.8	6	17	23
Secondary	728	757	29	4.0	3	16	19
Beaver County MSA							
Preschool & Elementary	709	781	72	10.2	7	17	24
Secondary	902	980	78	8.6	7	20	27
Erie MSA							
Preschool & elementary	1 458	1 651	193	13.2	18	36	54
Secondary	1 580	1 748	168	10.6	15	35	50
Harrisburg-Lebanon-Carlisle MSA							
Preschool & Elementary	3 205	3 642	437	13.6	40	79	119
Secondary	3 597	4 008	411	11.4	37	80	117
Johnstown MSA							
Preschool & elementary	1 239	1 393	154	12.4	14	31	45
Secondary	1 430	1 539	109	7.6	10	31	41
Lancaster MSA							
Preschool & Elementary	2 496	2 902	406	16.3	37	63	100
Secondary	2 628	2 953	325	12.4	30	59	89

TABLE 8

OUTLOOK OF TEACHER DEMAND IN PENNSYLVANIA--Concluded
1984-1995

	Employment				Annual Average Job Openings 1984-1995		
Location/Occupation	Estimated 1984	Projected 1995	Change 1984-1995 Number	Change 1984-1995 Percent	Due to Growth	Due to Labor Force Separation 1/	Annual Average Total
Philadelphia MSA							
Preschool & Elementary	20 797	22 846	2 049	9.9	187	506	693
Secondary	18 666	19 785	1 119	6.0	102	405	507
Pittsburgh MSA							
Preschool & Elementary	10 480	11 656	1 176	11.2	107	257	364
Secondary	11 927	13 093	1 166	9.8	106	264	370
Reading MSA							
Preschool & elementary	1 431	1 601	170	11.9	15	35	50
Secondary	1 489	1 599	110	7.4	10	33	43
Scranton-Wilkes-Barre MSA							
Preschool & elementary	3 150	3 442	292	9.3	27	77	104
Secondary	3 778	3 957	179	4.7	16	82	98
Sharon MSA							
Preschool & Elementary	526	576	50	9.5	5	13	18
Secondary	847	925	78	9.2	7	19	26
State College MSA							
Preschool & Elementary	413	457	44	10.7	4	10	14
Secondary	556	571	15	2.7	1	12	13
Williamsport MSA							
Preschool & elementary	480	495	15	3.1	1	11	12
Secondary	560	592	32	5.7	3	12	15
York MSA							
Preschool & Elementary	1 947	2 199	252	12.9	23	48	71
Secondary	2 005	2 181	176	8.8	16	44	60

1/ Labor force separations are due to death, retirement, disability, or withdrawal for personal reasons.

Note: State total includes areas not covered under listed MSAs.

Source: *Pennsylvania Occupational Trends and Outlook for Total Civilian Employment, 1984 and Projected 1995,* Pennsylvania Department of Labor and Industry

APPENDIX A

GLOSSARY

BUSINESS EDUCATION - Includes graduates certified by individual subject area (accounting, data processing, marketing, marketing and distributive education, office technology, and secretarial) with most or all people receiving multiple certificates. For multiple certificated students, institutions were instructed to categorize into the one most likely to represent the employment area.

ELEMENTARY - Includes persons prepared for the regular elementary certificate (K-6) or the early childhood certificate (N-3). Does not include those prepared for teaching in special education classes or those prepared for combined (K-12) certificates.

INSTRUCTIONAL I - The initial teaching certificate awarded to those who are qualified to enter the teaching profession. The certificate expires after the completion of six years of teaching experience.

K-12 - Includes persons prepared for assignment at any grade level (K-12). Does not include those prepared for teaching in special education classes or those prepared for elementary (K-6) or secondary (7-12) certificates.

MSA - Refers to a county or group of contiguous counties forming a metropolitan area based on criteria developed by the U.S. Census Bureau.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Phillipine Islands, and Samoa.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa.

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origins, regardless of race.

NONRESIDENT ALIEN - A person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

SECONDARY - Includes persons prepared for assignments in junior and/or senior high school (7-12). Does not include those prepared for teaching in special education classes or those prepared for combined (K-12) certificates.

SPECIAL EDUCATION - Includes persons prepared with the minimum certification requirements (or professional requirements) for entering assignments to teach the mentally deficient, deaf or hard of hearing, visually handicapped, speech handicapped, orthopedically handicapped, gifted and talented, emotionally disturbed, educationally disadvantaged, severely underachieving, and other pupils with characteristics which require special training competencies.

VOCATIONAL EDUCATION - Includes persons who are certified to teach in areas of trade and industrial (occupational) education. Does not include industrial arts teachers (certificate code 6000).

APPENDIX B

SOURCES

1. Teachers Prepared (PDE-4042)
2. *Pennsylvania Occupational Trends and Outlook for Total Civilian Employment, 1984 and Projected 1995*, Pennsylvania Department of Labor and Industry.

APPENDIX C

NONRESPONDENTS
(data estimated)

Antioch University

Bryn Mawr College

Muhlenberg College

University of Pennsylvania

RACIAL DATA NOT PROVIDED
(data estimated)

Pennsylvania State University-Main

Beaver college

Duquesne University

Lebanon Valley College

Neuman College

56790-56-U

Colleges and Universities

Degrees and Awards Conferred
1988-89

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Data Series

Pennsylvania Department of Education 1990

Colleges and Universities

Degrees and Awards Conferred
1988-89

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

Commonwealth of Pennsylvania
Robert P. Casey, Governor

Department of Education
Donald M. Carroll, Jr., Secretary

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Bruce J. Cowling, Director

Division of Data Services
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May 1990

Pennsylvania Department of Education
333 Market Street
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HIGHLIGHTS

* There were 91,458 associate and higher degrees granted. By level of award, there were 12,237 associate, 58,937 bachelor's, 3,630 first-professional, 14,623 master's, and 2,031 doctor's degrees.

* Compared to the 1987-88 data, associate degrees decreased by 3.8 percent, bachelor's degrees increased by 1.1 percent, first-professional degrees decreased by 2.4 percent, master's degrees increased by 6.0 percent, and doctor's degrees increased by 7.7 percent.

* Of all bachelor's degrees conferred in 1988-89, 25.7 percent were in business and management which is up from 20.8 percent in 1979-80.

* Of all reported degrees, 52.4 percent were granted to women.

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OVERVIEW

The number of degrees conferred in 1988-89 showed a slight increase over the number of degrees conferred in 1987-88. Overall, there has been a 5.8 percent increase in total degrees conferred since 1979-80. The greatest percentage of this total can be found at the bachelor's degree level, where growth since 1979-80 has been 3,816 bachelor's degrees (an increase of 6.9 percent).

The number of bachelor's degrees in certain major areas has changed substantially since 1979-80. In 1979-80, 20.8 percent of all bachelor's degrees were awarded in business and management. By 1988-89, that percentage had risen to 25.7. Similar comparisons show increases for computer and information sciences from 1.3 percent to 2.9 percent; for engineering from 7.9 percent to 8.2 percent; and for health professions from 6.5 percent to 7.4 percent.

Conversely, bachelor's degrees in education and the social sciences have fallen. Whereas education comprised 12.6 percent of all bachelor's degrees in 1979-80, it now accounts for only 9.6 percent. Likewise, social sciences fell from 11.5 percent to 10.0 percent of all bachelor's degrees.

However, comparing 1988-89 to 1987-88, there were decreases of 23.3 percent and 6.1 percent in computer and information sciences and engineering respectively. On the other hand, increases of 11.5 percent and 6.0 percent were seen in education and social sciences respectively.

The most recent available national data is that of 1986-87. When comparing Pennsylvania's distribution of degree levels with national data, (associate, bachelor's, master's, and doctor's degrees) a similar trend can be found. Bachelor's degrees had the largest percentage at 66.5 and 56.6 respectively, while doctor's degrees had the smallest percentage at 2.3 and 1.9 respectively. Another similarity can be found at the bachelor's level, comparing the same data for certain major areas. Business and management had the largest percentage while computer and information sciences had the smallest percentage.

Comparing the 1988 Fall enrollments from *Colleges and Universities: Fall Enrollments, 1988* 1/ with the 1988-89 degrees conferred, black (non-Hispanics) comprised 6.1 percent of the enrollments and 4.5 percent of the graduates, American Indian/Alaskan Natives comprised 0.2 percent of the enrollments and 0.2 percent of the graduates, Asian/Pacific Islanders comprised 1.9 percent of the enrollments and 2.0 percent of the graduates, Hispanics comprised 1.0 percent of the enrollments and 0.9 percent of the graduates, and white (non-Hispanics) comprised 88.4 percent of the enrollments and 89.2 percent of the graduates.

1/ *Colleges and Universities: Fall Enrollments, 1988*, Pennsylvania Department of Education, Division of Data Services

TABLE 1

ASSOCIATE AND HIGHER DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY FOR SELECTED YEARS, 1980-81 THROUGH 1988-89

	Total Degrees	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black (Non - Hispanic)	Hispanic	White (Non-Hispanic)	Non-Resident Alien	Unidentified
1980-81	86 280	119	781	4 362	535	78 635	1 538	310
1982-83	90 467	131	1 039	4 205	606	82 051	2 435	-
1984-85	90 437	120	1 268	4 094	743	81 825	2 387	-
1986-87	89 650	106	1 492	4 011	729	80 879	2 433	-
1988-89	91 458	138	1 830	4 159	800	81 580	2 951	-

Note: 1. Racial/ethnic data is collected biennially.
2. A dash (-) means "not applicable."

For the 1980-81 year, there were 5,797 minorities identified as receiving an associate or higher degree which accounted for 6.7 percent of all degrees conferred. By comparison, 6,927 minority graduates comprised 7.6 percent of the 1988-89 total.

FIGURE 1
DEGREES CONFERRED BY LEVEL OF PROGRAM
1988-89

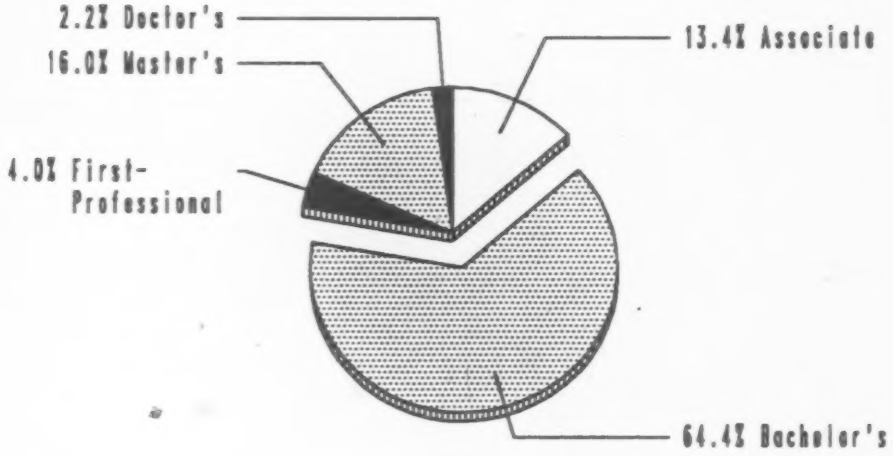

TABLE 2

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY
1979-80 THROUGH 1988-89

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
TOTAL	86 469	86 280	88 231	90 467	90 026	90 437	89 621	89 650	90 447	91 458
Associate Degrees	12 671	12 877	13 526	14 322	14 642	14 477	13 879	13 406	12 718	12 237
Bachelor's Degrees	55 121	54 589	55 600	57 231	56 541	57 014	56 781	57 172	58 323	58 937
First-Professional Degrees	3 762	3 791	3 674	3 740	3 812	3 717	3 790	3 769	3 721	3 630
Master's Degrees	13 246	13 356	13 619	13 411	13 173	13 378	13 364	13 501	13 799	14 623
Doctor's Degrees	1 669	1 667	1 812	1 763	1 858	1 851	1 807	1 802	1 886	2 031
STATE UNIVERSITIES	15 158	14 502	14 494	14 370	14 585	14 292	14 831	15 136	15 144	15 615
Associate Degrees	120	136	164	241	310	268	272	301	280	315
Bachelor's Degrees	12 651	12 020	12 017	12 088	12 340	12 147	12 550	12 828	12 824	13 059
Master's Degrees	2 369	2 325	2 296	2 024	1 919	1 864	1 997	1 992	2 006	2 200
Doctor's Degrees	18	21	17	17	16	13	12	15	34	41
STATE-RELATED COMMONWEALTH UNIVERSITIES	23 812	23 662	24 224	25 272	23 311	23 291	23 223	22 810	22 906	23 503
Associate Degrees	1 674	1 844	2 132	2 335	2 132	1 743	1 585	1 464	1 427	1 353
Bachelor's Degrees	15 290	14 758	15 017	15 911	14 561	14 981	15 155	14 986	14 921	15 483
First-Professional Degrees	1 183	1 214	1 157	1 235	1 176	1 204	1 204	1 153	1 144	1 183
Master's Degrees	4 646	4 855	4 851	4 744	4 439	4 321	4 248	4 166	4 363	4 404
Doctor's Degrees	1 019	991	1 067	1 047	1 003	1 042	1 031	1 041	1 051	1 080
COMMUNITY COLLEGES	7 905	7 891	8 163	8 463	8 867	9 194	8 879	8 726	8 271	8 090
Associate Degrees	7 905	7 891	8 163	8 463	8 867	9 194	8 879	8 726	8 271	8 090
PRIVATE STATE-AIDED INSTITUTIONS	9 229	9 424	9 812	10 024	10 347	10 153	10 172	9 808	10 056	10 079
Associate Degrees	262	278	277	241	267	269	240	212	147	156
Bachelor's Degrees	4 677	4 830	5 060	5 277	5 357	5 274	5 246	4 948	5 419	5 253
First-Professional Degrees	1 602	1 612	1 573	1 585	1 641	1 558	1 593	1 604	1 502	1 485
Master's Degrees	2 310	2 315	2 430	2 508	2 593	2 614	2 689	2 657	2 574	2 681
Doctor's Degrees	378	389	472	413	489	438	404	387	414	504
PRIVATE COLLEGES AND UNIVERSITIES	28 219	28 659	29 526	30 175	30 785	31 400	30 378	31 024	32 007	32 230
Associate Degrees	1 137	1 157	1 308	1 425	1 491	1 469	1 365	1 169	1 153	982
Bachelor's Degrees	22 491	22 963	23 490	23 939	24 268	24 590	23 811	24 382	25 143	25 121
First-Professional Degrees	619	647	629	620	692	642	667	655	705	622
Master's Degrees	3 764	3 670	3 890	3 972	4 082	4 434	4 275	4 545	4 713	5 184
Doctor's Degrees	208	222	209	219	252	265	260	273	293	321
THEOLOGICAL SEMINARIES	573	571	530	546	556	573	600	612	623	600
Bachelor's Degrees	12	18	16	16	15	22	19	28	16	21
First-Professional Degrees	358	318	315	300	303	313	326	357	370	340
Master's Degrees	157	191	152	163	140	145	155	141	143	154
Doctor's Degrees	46	44	47	67	98	93	100	86	94	85
PRIVATE JUNIOR COLLEGES	1 573	1 571	1 482	1 617	1 575	1 534	1 538	1 534	1 440	1 341
Associate Degrees	1 573	1 571	1 482	1 617	1 575	1 534	1 538	1 534	1 440	1 341

TABLE 3
COMPLETIONS BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM, SEX AND RACE
1988-89

STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
01 AGRIBUS & AG PRODUCTION																				
	423	88	39	3	33	27			91	20			4	2						
NON-RESIDENT ALIEN													1	1						
BLACK, NON-HISPANIC						2			1	1										
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC	423	88	39	3	33	25			90	19			3	1						
02 AGRICULTURAL SCIENCES																				
	158	13			1	18			117	123			20	14			12	3		
NON-RESIDENT ALIEN													2	2			8			
BLACK, NON-HISPANIC									2	2				1						
AMERICAN INDIAN																				
ASIAN/PACIFIC									1											
HISPANIC									1											
WHITE, NON-HISPANIC	158	13			1	18			113	121			18	11			4	3		
03 RENEWABLE NAT RES																				
	22	2			39	4			64	17			7				2			
NON-RESIDENT ALIEN													1				1			
BLACK, NON-HISPANIC																				
AMERICAN INDIAN						1														
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC	22	2			39	3			64	17			6				1			
04 ARCH & ENVIRON DESIGN																				
					5	30			179	194			102	63			13	2		
NON-RESIDENT ALIEN						1			7	5			22	10			10	1		
BLACK, NON-HISPANIC					1	1			5	5			6	4						
AMERICAN INDIAN																				
ASIAN/PACIFIC									2	7			5	4						
HISPANIC									1	2			2	1						
WHITE, NON-HISPANIC					4	28			164	175			67	44			3	1		

TABLE 3
COMPLETIONS BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM, SEX AND RACE
1988-89

STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
05 AREA AND ETHNIC STUDIES																				
	34	36	10	11					63	92			18	16	9	9	7	5		
NON-RESIDENT ALIEN	2								9	7			3	5	3	4	5	2		
BLACK, NON-HISPANIC	2	4							2	5			1		1	1				
AMERICAN INDIAN																				
ASIAN/PACIFIC	1	1								5			1	1						
HISPANIC		2							1	2										
WHITE, NON-HISPANIC	29	29	10	11					51	73			13	10	5	4	2	3		
06 BUSINESS AND MANAGEMENT																				
	430	292	23	48	1083	1490		2	8486	6502	3736	820	2657	1156			57	28		
NON-RESIDENT ALIEN		1	2	1	10	7			153	58			285	92			32	5		
BLACK, NON-HISPANIC	6	1		4	55	104			268	311	1		70	63						
AMERICAN INDIAN					2				5	12			3	2						
ASIAN/PACIFIC				1	7	18			96	111		1	71	39			1	1		
HISPANIC	1	1			6	6			59	51			19	8			1			
WHITE, NON-HISPANIC	423	289	21	42	1003	1355		2	7905	5959	3735	819	2209	952			23	22		
07 BUSINESS AND OFFICE																				
	9	83	25	134	276	1131	1	5	45	136										
NON-RESIDENT ALIEN				1	1	11				2										
BLACK, NON-HISPANIC		7	5	21	20	101		1	1	6										
AMERICAN INDIAN						6														
ASIAN/PACIFIC			2	1	3	13														
HISPANIC			2	1	2	15														
WHITE, NON-HISPANIC	9	76	16	110	250	985	1	4	44	128										
08 MARKETING & DISTRIBUTION																				
	6	9	3	5	30	151			93	246		1	51	10						
NON-RESIDENT ALIEN						4			4	2			12	1						
BLACK, NON-HISPANIC			1	1	7	13			3	6			3	1						
AMERICAN INDIAN					1															
ASIAN/PACIFIC									2	5			2	1						
HISPANIC						1				3			1							
WHITE, NON-HISPANIC	6	9	2	4	30	133			84	230		1	33	7						

TABLE 3
COMPLETIONS BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM, SEX AND RACE
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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
09 COMMUNICATIONS																				
	2	1	1	2	29	44			1051	1421			71	104			1			
NON-RESIDENT ALIEN						2			9	9			11	15			1			
BLACK, NON-HISPANIC					1	2			53	96			7	5						
AMERICAN INDIAN									1	1										
ASIAN/PACIFIC									8	14			2	3						
HISPANIC									9	10										
WHITE, NON-HISPANIC	2	1	1	2	28	40			971	1291			51	81						
10 COMM TECHNOLOGIES																				
					51	26			44	29										
NON-RESIDENT ALIEN									1											
BLACK, NON-HISPANIC					1	1			2											
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC					50	25			41	29										
11 COMP & INFORMATION SCI																				
	19	11	2	4	123	107			1238	477	7	5	303	215	2	7	34	9		
NON-RESIDENT ALIEN					2				55	11			68	31	1		13	2		
BLACK, NON-HISPANIC					4	1			58	40	1		3	6						
AMERICAN INDIAN					2									1						
ASIAN/PACIFIC				1	1				36	16	1	1	19	19		1	3			
HISPANIC					1				5	6			2	1						
WHITE, NON-HISPANIC	19	11	2	3	113	106			1084	404	5	4	211	157	1	6	18	7		
12 CONSUMR,PERSONL,MISC SERV																				
	6	1	9	2	16	24				1										
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC			1																	
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC	6	1	8	2	16	24				1										

TABLE 3
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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
13 EDUCATION																				
					62	330	1	3	1093	4485	4	13	776	2401	2	37	173	288		
NON-RESIDENT ALIEN									4	9	1	1	39	46			20	23		
BLACK, NON-HISPANIC					2	9			34	115		1	44	163		1	8	33		
AMERICAN INDIAN									2	6			2	6				1		
ASIAN/PACIFIC									1	17			6	23			2			
HISPANIC					1	3			11	20			10	26			6	7		
WHITE, NON-HISPANIC					59	318	1	3	1041	4318	3	11	675	2137	2	36	137	224		
14 ENGINEERING																				
	35	7			60	4			3375	668			996	171			275	27		
NON-RESIDENT ALIEN									127	26			249	30			141	5		
BLACK, NON-HISPANIC					4				60	27			15	2			2	1		
AMERICAN INDIAN									6	1							1			
ASIAN/PACIFIC					5	2			150	27			63	7			16			
HISPANIC					1				22	5			8	1			4			
WHITE, NON-HISPANIC	35	7			50	2			3010	582			661	131			111	21		
15 ENGNRG & ENGNRG-RLTD TECH																				
	203	24	36	4	1039	95	23		692	72			41	7			3			
NON-RESIDENT ALIEN					1				8				2				1			
BLACK, NON-HISPANIC			3		25	3			20	6				1						
AMERICAN INDIAN					1															
ASIAN/PACIFIC			1		17	3			7	1										
HISPANIC					4				2											
WHITE, NON-HISPANIC	203	24	32	4	991	89	23		655	65			39	6			2			
16 FOREIGN LANGUAGES																				
		3		2					122	479			30	54			5	20		
NON-RESIDENT ALIEN									4	12			7	15			3	4		
BLACK, NON-HISPANIC									3	22								1		
AMERICAN INDIAN																				
ASIAN/PACIFIC									1	9				1						
HISPANIC									3	15										
WHITE, NON-HISPANIC		3		2					111	421			23	38			2	15		

TABLE 3
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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
17 ALLIED HEALTH																				
	11	78	39	361	166	905	1	45	190	759	8	20	58	198				1		
NON-RESIDENT ALIEN					2	1			2	7			1	7						
BLACK, NON-HISPANIC	2	14	5	24	8	77		1	7	27			1	2						
AMERICAN INDIAN		1								1				1						
ASIAN/PACIFIC		1		2	4	8			2	7				3						
HISPANIC				1	1	2			1	1			1	3						
WHITE, NON-HISPANIC	9	62	34	334	151	817	1	44	178	716	8	20	55	182				1		
18 HEALTH SCIENCES																				
	6	94	2	1	116	1248			516	2852	43	28	211	835	5	1	47	48	1230	676
NON-RESIDENT ALIEN						2			4	9	8	1	11	14		1	5	3	22	15
BLACK, NON-HISPANIC		2			2	66			18	118		1	3	16			1	2	34	46
AMERICAN INDIAN					1	5			3	1			1	2					2	5
ASIAN/PACIFIC		1			2	8			36	51	2		5	17			4	3	55	37
HISPANIC					1	9			7	12			3	4			1		21	9
WHITE, NON-HISPANIC	6	91	2	1	110	1158			448	2661	33	26	188	782	5		36	40	1096	564
19 HOME ECONOMICS																				
					1	12			33	390		2		58			3	6		
NON-RESIDENT ALIEN						1			2	3				1			1	1		
BLACK, NON-HISPANIC						1			1	18				1				2		
AMERICAN INDIAN																				
ASIAN/PACIFIC						2				6				2						
HISPANIC										3										
WHITE, NON-HISPANIC					1	8			30	360		2		54			2	3		
20 VOCATIONAL HOME ECONOMICS																				
	200	137	5	40	42	235		3	30	86			3	11						
NON-RESIDENT ALIEN						1			1				1							
BLACK, NON-HISPANIC		1	1	3	1	34			2	10				1						
AMERICAN INDIAN																				
ASIAN/PACIFIC						1														
HISPANIC					1	3														
WHITE, NON-HISPANIC	200	136	4	37	40	196		3	27	76			2	10						

TABLE 3
COMPLETIONS BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM, SEX AND RACE
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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
21 INDUSTRIAL ARTS																				
					3	2			3											
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC																				
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC					3	2			3											
22 LAW																				
	67	305	11	26	21	121	8	30	51	69			64	36					783	568
NON-RESIDENT ALIEN					2	11							37	15					8	9
BLACK, NON-HISPANIC			1	1	1	4	1	1	2	9			13	12					32	28
AMERICAN INDIAN													1	2					1	1
ASIAN/PACIFIC									1										6	11
HISPANIC						2				2									12	16
WHITE, NON-HISPANIC	67	305	10	25	18	104	7	29	48	58			13	7					724	503
23 LETTERS																				
	5	10			4	14	1	9	872	1738			89	173			41	45		
NON-RESIDENT ALIEN									6	17			10	17			2	5		
BLACK, NON-HISPANIC					1	3			36	65								1		
AMERICAN INDIAN									2	1										
ASIAN/PACIFIC									8	31			1	2			1			
HISPANIC									2	16			1	1						
WHITE, NON-HISPANIC	5	10			3	11	1	9	818	1608			77	153			38	39		
24 LIBERAL/GENERAL STUDIES																				
			2	1	702	1140			508	569			38	24						
NON-RESIDENT ALIEN					8	57			3	8										
BLACK, NON-HISPANIC					73	150			21	40			1	1						
AMERICAN INDIAN						4				1										
ASIAN/PACIFIC					10	11			11	12										
HISPANIC			1		9	16			4	5										
WHITE, NON-HISPANIC			1	1	602	902			469	503			37	23						

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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR MEN	AWARDS LT ONE YR WOMEN	AWARDS LT TWO YR MEN	AWARDS LT TWO YR WOMEN	ASSOCIATE DEGREE MEN	ASSOCIATE DEGREE WOMEN	AWARDS LT FOUR YR MEN	AWARDS LT FOUR YR WOMEN	BACHELOR DEGREE MEN	BACHELOR DEGREE WOMEN	POST-BACC MEN	POST-BACC WOMEN	MASTER DEGREE MEN	MASTER DEGREE WOMEN	POST MASTER MEN	POST MASTER WOMEN	DOCTOR DEGREE MEN	DOCTOR DEGREE WOMEN	1ST PROF DEGREE MEN	1ST PROF DEGREE WOMEN
25 LIBRARY & ARCHIVAL SCIENC																				
				1		2			3	28			37	141	1		7	5		
NON-RESIDENT ALIEN										1			7	8	1		5			
BLACK, NON-HISPANIC						1							1	5						
AMERICAN INDIAN																				
ASIAN/PACIFIC										1			1				1	1		
HISPANIC																				
WHITE, NON-HISPANIC				1		1			3	26			28	128			1	4		
26 LIFE SCIENCES																				
	55	2			28	25			1089	1161			75	69			75	48		
NON-RESIDENT ALIEN									9	14			7	13			15	7		
BLACK, NON-HISPANIC									30	41				1						
AMERICAN INDIAN									3	3										
ASIAN/PACIFIC					1	2			33	50			2	4			3	3		
HISPANIC					1				13	8				1			3	1		
WHITE, NON-HISPANIC	55	2			26	23			1001	1045			66	50			54	37		
27 MATHEMATICS																				
					6	5			613	553			93	52			34	12		
NON-RESIDENT ALIEN									12	6			15	12			14	7		
BLACK, NON-HISPANIC									8	8			2							
AMERICAN INDIAN																				
ASIAN/PACIFIC									16	19			3	3			1			
HISPANIC									5	2										
WHITE, NON-HISPANIC					6	5			572	518			73	37			19	5		
30 MULTI/INTRDISCIPLINRY STU																				
	3	13	2	5	22	27	5	10	437	436			73	76			13	11		
NON-RESIDENT ALIEN									8	4			8	1			7	1		
BLACK, NON-HISPANIC							1		14	21			5	6						
AMERICAN INDIAN						1														
ASIAN/PACIFIC									16	16			2							
HISPANIC			1						3	7				3			1			
WHITE, NON-HISPANIC	3	13	1	5	22	26	4	10	396	388			58	66			5	10		

TABLE 3
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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
31 PARKS AND RECREATION																				
	4	1			8	3			96	115			13	21			3	1		
NON-RESIDENT ALIEN									1	1				1						
BLACK, NON-HISPANIC									5	5				1						
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC	4	1			8	3			90	109			13	19			3	1		
36 LEISURE & RECREATION SERV																				
						2														
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC																				
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC						2														
38 PHILOSOPHY AND RELIGION																				
			1	1	1				252	175			27	20			42	17		
NON-RESIDENT ALIEN									8	2			2	2			9	1		
BLACK, NON-HISPANIC									4	5			2							
AMERICAN INDIAN										2										
ASIAN/PACIFIC									7	7			1	2			5			
HISPANIC									1	6								1		
WHITE, NON-HISPANIC			1	1	1				232	153			22	16			28	15		
39 THEOLOGY																				
	9	25	14	21	5	5	3	7	168	97	22	65	156	109	1		76	10	288	85
NON-RESIDENT ALIEN			1						1	2			4	5	1		4	2	15	1
BLACK, NON-HISPANIC	1	2			1				12	3	3	4	6	2			4	1	8	11
AMERICAN INDIAN																				
ASIAN/PACIFIC									9	4			11	4			9	1	26	1
HISPANIC			1					1	4	5			2				1		1	2
WHITE, NON-HISPANIC	8	23	12	21	4	5	3	6	142	83	19	61	133	98			58	6	238	70

TABLE 3
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CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
40 PHYSICAL SCIENCES																				
	6	3			24	7			873	429	1		195	70			154	43		
NON-RESIDENT ALIEN					1				22	10			35	16			49	5		
BLACK, NON-HISPANIC									27	16			3	3			1			
AMERICAN INDIAN									1	2										
ASIAN/PACIFIC					2				28	18			9	4			7	4		
HISPANIC									8	3							3	2		
WHITE, NON-HISPANIC	6	3			21	7			787	380	1		148	47			94	32		
41 SCIENCE TECHNOLOGIES																				
			6	3	9	3				1										
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC																				
AMERICAN INDIAN																				
ASIAN/PACIFIC						2														
HISPANIC																				
WHITE, NON-HISPANIC			6	3	9	1				1										
42 PSYCHOLOGY																				
					6	23			669	1820			120	227			59	65		
NON-RESIDENT ALIEN									5	10			6	1			3	7		
BLACK, NON-HISPANIC									31	95			4	7			2	2		
AMERICAN INDIAN									1	1				1						
ASIAN/PACIFIC									14	31				1				2		
HISPANIC									6	18			1				3			
WHITE, NON-HISPANIC					6	23			612	1665			109	217			51	54		
43 PROTECTIVE SERVICES																				
	22	3	62	10	178	85			643	332			58	23						
NON-RESIDENT ALIEN									1	1										
BLACK, NON-HISPANIC			6		6	12			30	42			3	2						
AMERICAN INDIAN									1											
ASIAN/PACIFIC									2	2				1						
HISPANIC									6	5										
WHITE, NON-HISPANIC	22	3	56	10	172	73			603	282			55	20						

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STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR MEN	AWARDS LT ONE YR WOMEN	AWARDS LT TWO YR MEN	AWARDS LT TWO YR WOMEN	ASSOCIATE DEGREE MEN	ASSOCIATE DEGREE WOMEN	AWARDS LT FOUR YR MEN	AWARDS LT FOUR YR WOMEN	BACHELOR DEGREE MEN	BACHELOR DEGREE WOMEN	POST-BACC MEN	POST-BACC WOMEN	MASTER DEGREE MEN	MASTER DEGREE WOMEN	POST MASTER MEN	POST MASTER WOMEN	DOCTOR DEGREE MEN	DOCTOR DEGREE WOMEN	1ST PROF DEGREE MEN	1ST PROF DEGREE WOMEN
44 PUBLIC AFFAIRS																				
	9	9			10	25			244	665			502	686	44	41	24	15		
NON-RESIDENT ALIEN									8	5			79	18	12		10	1		
BLACK, NON-HISPANIC						2			29	137			38	108	3	9	1	1		
AMERICAN INDIAN									1	2			2	2						
ASIAN/PACIFIC									1	2			9	6			1			
HISPANIC									5	9			7	5				1		
WHITE, NON-HISPANIC	9	9			10	23			200	510			367	547	29	32	12	12		
45 SOCIAL SCIENCES																				
					55	65			3412	2422			202	149	2	2	101	38		
NON-RESIDENT ALIEN									57	58			43	19	1		37	10		
BLACK, NON-HISPANIC					4	5			124	155			7	5	1		2	2		
AMERICAN INDIAN						1			5	4				1						
ASIAN/PACIFIC									63	59			3	2			1			
HISPANIC									36	45			3	1						
WHITE, NON-HISPANIC					51	59			3127	2101			146	121		2	61	26		
46 CONSTRUCTION TRADES																				
	15		14		11		146	4	4											
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC																				
AMERICAN INDIAN																				
ASIAN/PACIFIC							1													
HISPANIC																				
WHITE, NON-HISPANIC	15		14		11		145	4	4											
47 MECHANICS AND REPAIRERS																				
	29	1	18		69	1	84	2												
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC																				
AMERICAN INDIAN																				
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC	29	1	18		69	1	84	2												

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CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
48 PRECISION PRODUCTION																				
	23	2	6	5	148	82	61		12	4										
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC					3	1														
AMERICAN INDIAN																				
ASIAN/PACIFIC					1	1	1													
HISPANIC							1													
WHITE, NON-HISPANIC	23	2	6	5	144	80	59		12	4										
49 TRANSPORTN & MATRL MOVING																				
					76	14			8											
NON-RESIDENT ALIEN																				
BLACK, NON-HISPANIC					1															
AMERICAN INDIAN					1															
ASIAN/PACIFIC																				
HISPANIC																				
WHITE, NON-HISPANIC					74	14			8											
50 VISUAL & PERFORMING ARTS																				
			1		46	93	9	9	644	1151	1	1	154	188			10	13		
NON-RESIDENT ALIEN								1	18	23	1	1	16	12			1	2		
BLACK, NON-HISPANIC					3	4	1	2	40	35			5	5						
AMERICAN INDIAN										3			1	1						
ASIAN/PACIFIC									12	27			6	9			1	1		
HISPANIC						3			5	17			1	2						
WHITE, NON-HISPANIC			1		43	86	8	6	569	1046			125	159			8	10		

TABLE 3
COMPLETIONS BY MAJOR FIELD OF STUDY, LEVEL OF PROGRAM, SEX AND RACE
1988-89

STATE SUMMARY

CIP SHORT TITLE	AWARDS LT ONE YR		AWARDS LT TWO YR		ASSOCIATE DEGREE		AWARDS LT FOUR YR		BACHELOR DEGREE		POST-BACC		MASTER DEGREE		POST MASTER		DOCTOR DEGREE		1ST PROF DEGREE	
	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	MEN	WOMEN
STATE TOTAL																				
	1811	1253	331	690	4612	7625	343	129	28123	30814	3822	955	7244	7379	66	97	1271	760	2301	1329
NON-RESIDENT ALIEN	2	1	3	2	27	98		1	549	322	10	3	984	410	19	5	397	94	45	25
BLACK, NON-HISPANIC	11	31	23	54	224	597	3	5	953	1492	5	6	243	424	5	11	21	46	74	85
AMERICAN INDIAN		1			8	18			31	41			10	19			1	1	3	6
ASIAN/PACIFIC	1	3	3	5	53	71	2		563	555	3	2	222	158		1	56	16	87	49
HISPANIC	1	3	5	2	28	60	1	1	220	278			61	57			23	12	34	27
WHITE, NON-HISPANIC	1796	1214	297	627	4272	6781	337	122	25807	28126	3804	944	5724	6311	42	80	773	591	2058	1137

APPENDIX A

GLOSSARY

ASSOCIATE DEGREE - A degree based on at least two but less than four years of full-time college work.

BACHELOR'S DEGREE - A degree requiring four or five years of full-time college work.

DOCTOR'S DEGREE - A degree normally based on at least three years of graduate work beyond the bachelor's degree, usually granted as a Ph.D. in any field or, Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, etc.

FIRST-PROFESSIONAL DEGREE - A degree based on at least six years of college work, usually granted in Dentistry, Law, Medicine, Theology, etc. It signifies completion of the academic requirements to begin practice in the profession.

MASTER'S DEGREE - A degree customarily based on at least one but not more than two full-time academic years of work beyond the bachelor's degree.

MINORITY - For this publication, a person identified as belonging to any of the following classifications: Black (Non-Hispanic); American Indian/Alaskan Native; Asian/Pacific Islander; or Hispanic.

POSTBACCALAUREATE CERTIFICATE - An award that requires completion of an organized program of study requiring 30 credit hours beyond the bachelor's; designed for persons who have completed a baccalaureate degree, but do not meet the requirements of academic degrees carrying the title of master.

POST-MASTER'S CERTIFICATE - An award that requires completion of an organized program of study of 60 credit hours beyond the master's degree, but does not meet the requirements of academic degrees at the doctor's level.

POSTSECONDARY AWARDS, CERTIFICATES OR DIPLOMAS (less than 1 academic year) - Requires completion of an organized program of study at the postsecondary level in less than 1 academic year (2 semesters or 3 quarters) or in less than 900 contact hours by a student enrolled full-time.

POSTSECONDARY AWARDS, CERTIFICATES OR DIPLOMAS (at least one but less than two academic years) - Requires completion of an organized program of study at the postsecondary level in at least one but less than two full-time-equivalent academic years; or designed for completion in at least 30 but less than 60 credit hours, or in at least 900 but less than 1,800 contact hours.

POSTSECONDARY AWARDS, CERTIFICATES OR DIPLOMAS (at least two but less than four academic years) - Requires completion of an organized program of study at the postsecondary level in at least two but less than four full-time-equivalent academic years; or designed for completion in at least 60 but less than 120 credit hours, or in at least 1,800 but less than 3,600 contact hours.

PROGRAM - A combination of courses and related activities organized for the attainment of broad educational objectives described by the institution.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - A person having origins in any of the original peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK (NON-HISPANIC) - A person having origins in any of the black racial groups of Africa.

HISPANIC - A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

NONRESIDENT ALIEN - A person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

WHITE (NON-HISPANIC) - A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

APPENDIX B

SOURCES

1. Completions (PDE-4093)
2. *Digest of Education Statistics, 1989,* U.S. Department of Education, Office of Educational Research and Improvement
3. *Colleges and Universities: Fall Enrollments, 1988,* Pennsylvania Department of Education, Division of Data Services

7-2

Colleges and Universities

Finance
1988-89

DDS
Data Series

Pennsylvania Department of Education 1990

Colleges and Universities

Finance
1988-89

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

Commonwealth of Pennsylvania
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Department of Education
Donald M. Carroll, Jr., Secretary

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Division of Data Services
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July 1990

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

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HIGHLIGHTS

- Current-funds revenues increased 10.1 percent and current-funds expenditures increased 10.3 percent since 1987-88.

- Tuition and fees represented 31.9 percent of all current-funds revenues.

- Instruction accounted for 25.0 percent of all current-funds expenditures.

- Revenues and expenditures generated by hospitals represented 20.0 percent of all current-funds revenues and 19.6 percent of all current-funds expenditures.

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OVERVIEW

Pennsylvania colleges and universities reported over 7.5 billion dollars in both current-funds revenues and expenditures for the 1988-89 fiscal year. Total current-funds revenues increased $693.2 million over those reported for 1987-88, an increase of 10.1 percent. The annual average increase in current-funds revenues was 10.2 percent over the last ten-year period.

Data on sources of revenues indicate that tuition and fees and government funds (government appropriations, grants and contracts) continued to produce over half of all current-funds revenues. Among institutional categories, the percentage of revenues from tuition and fees was highest at the community colleges (90.3 percent) and lowest at the theological seminaries (21.0 percent).

Current-funds expenditures for the fiscal year ending 1989 increased $704.4 million over those reported for 1987-88, an increase of 10.3 percent. The annual average increase in current-funds expenditures was 10.7 percent over the last ten-year period.

Instruction, the largest of the educational and general expenditures, accounted for 25.0 percent of all current-funds expenditures. Among institutional categories, the percentage of expenditures for instruction was highest at the community colleges (43.0 percent) and lowest at the state-aided institutions (16.1 percent).

Comparing Pennsylvania's current-funds revenues with the most recent national data available (1985-86), significant differences were found in specific revenue sources. For example, Pennsylvania colleges and universities collected 30.6 percent of all revenues from tuition and fees, while only 23.0 percent came from that source nationally. On the expenditures side, Pennsylvania institutions spent 26.7 percent of all expenditures for instruction, while nationwide the percentage was 31.8 percent.

TABLE

TOTAL CURRENT FUNDS
1979-80 THROUGH

(IN MILLIONS)

	1979-80		1980-81		1981-82		1982-83		1983-84	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
TOTAL, ALL INSTITUTIONS 1/	$3 130.2	100.0	$3 525.0	100.0	$3 947.8	100.0	$4 457.6	100.0	$4 860.0	100.0
Number Reporting	144		146		148		144		143	
TOTAL, REPORTING INSTITUTIONS	$3 112.9	99.4	$3 505.1	99.4	$3 926.2	99.5	$4 433.6	99.5	$4 826.8	99.3
Tuition and Fees	938.1	30.0	1 075.3	30.5	1 236.5	31.3	1 393.8	31.3	1 518.9	31.2
Government Appropriations	597.6	19.1	631.6	17.9	661.4	16.8	707.6	15.9	752.3	15.5
Government Grants/Contracts 2/	360.8	11.5	396.0	11.2	395.8	10.0	494.4	11.1	534.3	11.0
Private Gifts/Grants/Contracts	136.8	4.4	161.3	4.6	185.0	4.7	191.4	4.3	224.9	4.6
Endowment Income	82.9	2.6	92.8	2.6	109.4	2.8	113.8	2.5	129.0	2.7
Sales and Services of Educational Activities	69.1	2.2	43.8	1.3	49.9	1.3	54.7	1.2	60.9	1.3
Auxiliary Enterprises	348.5	11.1	394.7	11.2	442.4	11.2	497.3	11.2	534.6	11.0
Hospitals	469.6	15.0	599.7	17.0	719.8	18.2	861.8	19.3	938.5	19.3
Other Sources	81.5	2.6	78.7	2.2	97.0	2.5	95.9	2.2	109.9	2.2
Independent Operations 3/	28.0	0.9	31.2	0.9	29.0	0.7	22.7	0.5	23.5	0.5
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 17.3	0.6	$ 19.9	0.6	$ 21.6	0.5	$ 24.0	0.5	$ 33.2	0.7

1/ Includes estimated data for the nonresponding institutions; for 1986-87 through 1988-89, estimates are included in each line item as well as in the total.

2/ Includes Pell Grants beginning with 1982-83.

3/ Decline in revenues during 1986-87 and 1987-88 was due to different interpretation of some line items by a few institutions.

1

REVENUES BY SOURCE
1988-89

1984-85		1985-86		1986-87		1987-88		1988-89		
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
$5 287.4	100.0	$5 844.4	100.0	$6 249.2	100.0	$6 835.1	100.0	$7 528.3	100.0	TOTAL, ALL INSTITUTIONS 1/
142		145		147		147		147		Number Reporting
$5 254.0	99.4	$5 812.7	99.5	$6 249.2	100.0	$6 835.1	100.0	$7 528.3	100.0	TOTAL, REPORTING INSTITUTIONS
1 632.3	30.9	1 786.1	30.6	1 956.4	31.3	2 161.7	31.6	2 399.2	31.9	Tuition and Fees
811.0	15.3	864.5	14.8	929.6	14.9	978.1	14.3	1 010.2	13.4	Government Appropriations
589.1	11.2	670.2	11.5	729.3	11.7	791.9	11.6	918.5	12.2	Government Grants/Contracts 2/
250.5	4.7	293.2	5.0	328.9	5.2	363.1	5.3	401.8	5.3	Private Gifts/Grants/Contracts
149.2	2.8	167.6	2.9	163.6	2.6	167.4	2.5	191.7	2.6	Endowment Income
61.3	1.2	71.7	1.2	74.6	1.2	75.3	1.1	95.5	1.3	Sales and Services of Educational Activities
577.5	10.9	624.5	10.7	674.1	10.8	728.5	10.7	779.1	10.3	Auxiliary Enterprises
1 026.2	19.4	1 157.1	19.8	1 246.8	20.0	1 382.5	20.2	1 504.2	20.0	Hospitals
132.4	2.5	147.3	2.5	137.9	2.2	180.2	2.6	205.5	2.7	Other Sources
24.5	0.5	30.5	0.5	8.0	0.1	6.4	0.1	22.6	0.3	Independent Operations 3/
$ 33.4	0.6	$ 31.7	0.5	$ 0	0.0	$ 0	0.0	$ 0	0.0	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

FIGURE 1

ANNUAL PERCENTAGE INCREASE IN CURRENT-FUNDS REVENUES BY INSTITUTIONAL CONTROL, 1979-80 THROUGH 1988-89

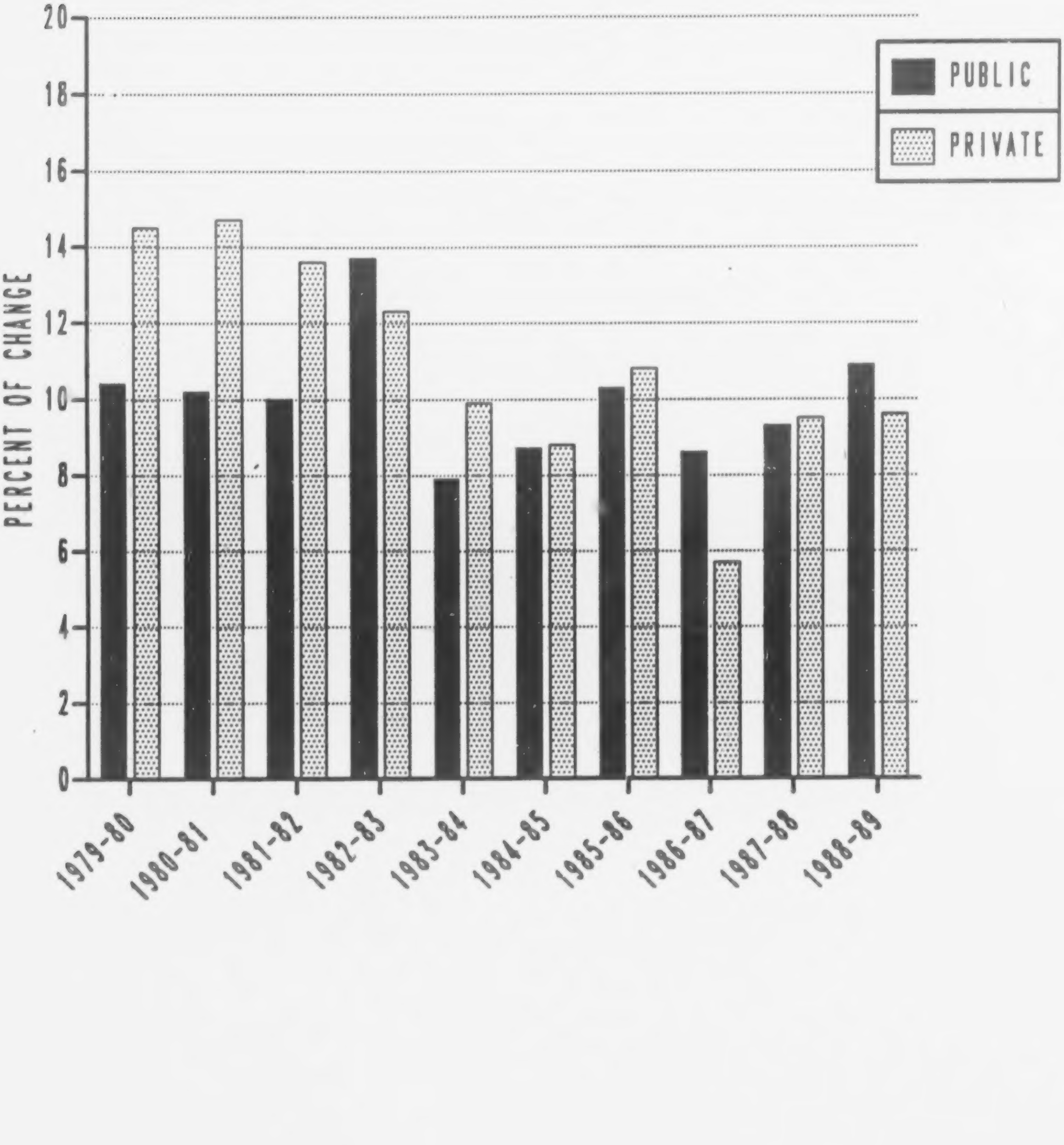
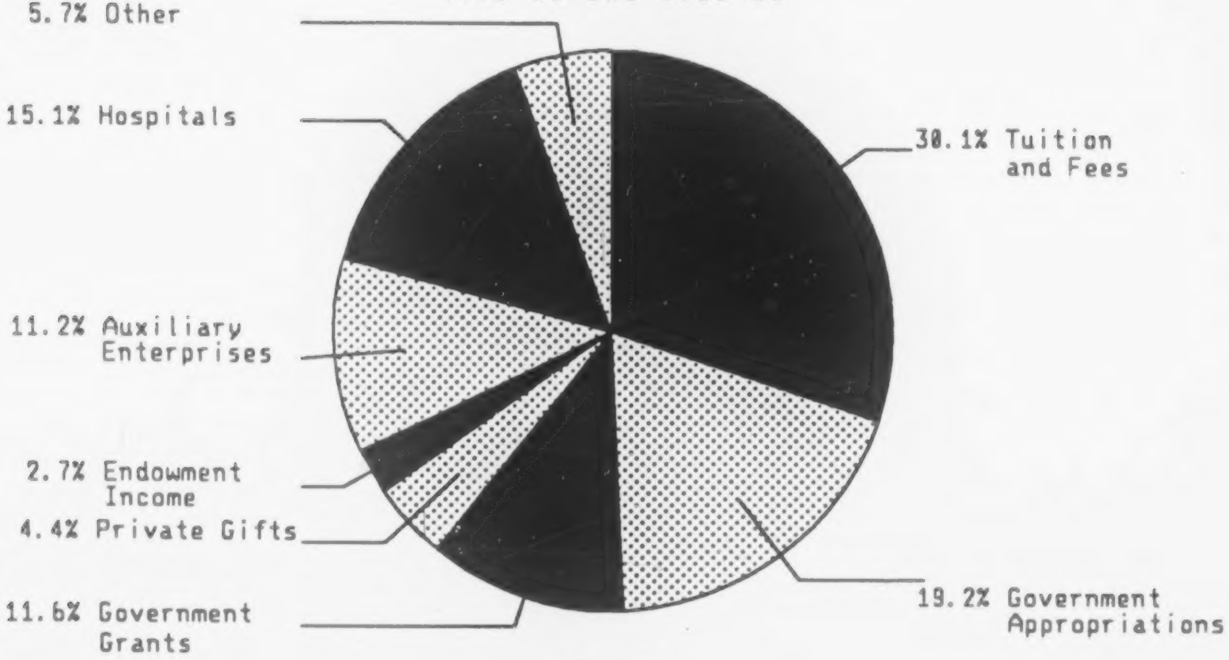
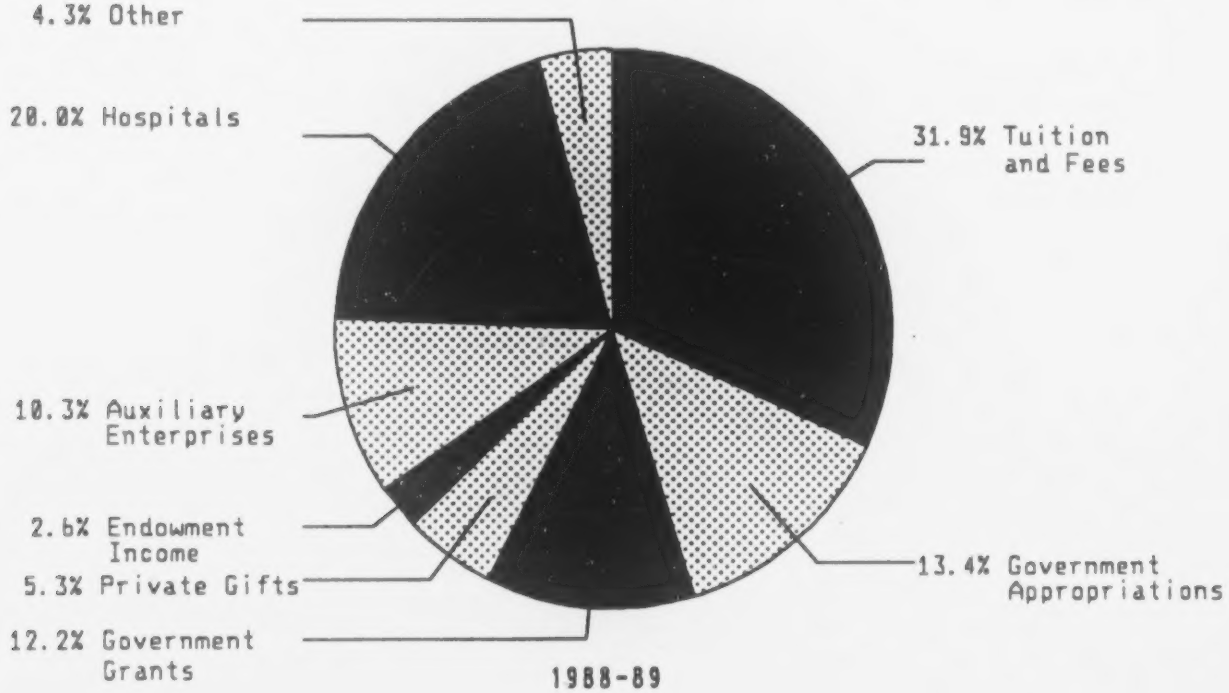


FIGURE 2

CURRENT-FUNDS REVENUES BY SOURCE
1979-80 and 1988-89



1979-80



1988-89

TABLE

TOTAL CURRENT-FUNDS
1979-80 THROUGH

(IN MILLIONS)

	1979-80		1980-81		1981-82		1982-83		1983-84	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
TOTAL, ALL INSTITUTIONS 1/	$3 042.4	100.0	$3 438.1	100.0	$3 846.7	100.0	$4 353.9	100.0	$4 721.2	100.0
Number Reporting	144		146		148		144		143	
TOTAL, REPORTING INSTITUTIONS	$3 024.9	99.4	$3 418.8	99.4	$3 825.8	99.4	$4 330.3	99.5	$4 688.7	99.3
Educational and General Expenditures	$2 192.7	72.1	$2 428.8	70.6	$2 687.9	69.9	$3 011.4	69.2	$3 261.0	69.0
Instruction	896.5	29.5	977.1	28.4	1 085.2	28.2	1 186.0	27.2	1 267.1	26.8
Research	213.1	7.0	240.3	7.0	254.6	6.6	273.7	6.3	311.8	6.6
Public Service	87.4	2.9	83.2	2.4	88.0	2.3	91.2	2.1	93.4	2.0
Academic Support	213.8	7.0	230.2	6.7	249.9	6.5	272.8	6.3	292.3	6.2
Student Services	122.0	4.0	140.1	4.1	159.4	4.1	173.1	4.0	190.7	4.0
Institutional Support	258.9	8.5	298.1	8.7	339.6	8.8	375.2	8.6	409.0	8.7
Operation and Maintenance of Plant	253.0	8.3	283.2	8.2	316.5	8.2	332.9	7.6	355.5	7.5
Scholarships/Fellowships 2/	121.7	4.0	145.9	4.2	157.5	4.1	265.9	6.1	298.8	6.3
Educational/General Transfers										
Mandatory	26.3	0.9	30.7	0.9	37.2	1.0	40.6	0.9	41.5	0.9
Non-Mandatory	-	-	-	-	-	-	-	-	-	-
Auxiliary Enterprises	$ 332.8	10.9	$ 371.5	10.8	$ 407.4	10.6	$ 454.7	10.5	$ 490.0	10.4
Hospitals	$ 470.8	15.5	$ 587.4	17.1	$ 701.9	18.3	$ 841.5	19.3	$ 915.3	19.4
Independent Operations 3/	$ 28.6	0.9	$ 31.1	0.9	$ 28.6	0.7	$ 22.7	0.5	$ 23.3	0.5
TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)	$ 17.5	0.6	$ 19.3	0.6	$ 20.9	0.6	$ 23.6	0.5	$ 32.5	0.7

1/ Includes estimated data for the nonresponding institutions; for 1986-87 through 1988-89 estimates are included in each line item as well as in the total.

2/ Includes Pell Grants beginning with 1982-83.

3/ Decline in expenditures during 1986-87 and 1987-88 was due to different interpretation of some line items by a few institutions.

Note: A dash (-) indicates "not available."

2

EXPENDITURES BY FUNCTION
1988-89

1984-85		1985-86		1986-87		1987-88		1988-89		
Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	
$5 103.7	100.0	$5 633.2	100.0	$6 143.6	100.0	$6 813.5	100.0	$7 517.9	100.0	TOTAL, ALL INSTITUTIONS 1/
142		145		147		147		147		Number Reporting
$5 075.0	99.3	$5 598.0	99.4	$6 143.6	100.0	$6 813.5	100.0	$7 517.9	100.0	TOTAL, REPORTING INSTITUTIONS
$3 537.4	69.3	$3 900.7	69.3	$4 317.1	70.3	$4 758.1	69.8	$5 274.1	70.1	Educational and General Expenditures
1 361.4	26.7	1 502.8	26.7	1 608.3	26.2	1 733.6	25.4	1 879.7	25.0	Instruction
352.8	6.9	408.9	7.3	501.8	8.2	567.7	8.3	620.5	8.3	Research
100.8	2.0	92.8	1.7	70.7	1.2	81.3	1.2	91.6	1.2	Public Service
317.0	6.2	334.7	5.9	373.8	6.1	443.5	6.5	474.7	6.3	Academic Support
210.0	4.1	237.3	4.2	255.7	4.2	280.2	4.1	309.0	4.1	Student Service
440.3	8.6	480.3	8.5	535.1	8.7	591.6	8.7	646.8	8.6	Institutional Support
376.5	7.4	392.9	7.0	400.4	6.5	423.7	6.2	463.3	6.2	Operation and Maintenance of Plant
335.9	6.6	390.2	6.9	408.0	6.6	454.7	6.7	520.8	6.9	Scholarships/Fellowships 2/
										Educational/General Transfers
42.7	0.8	60.8	1.1	62.5	1.0	69.1	1.0	77.2	1.0	Mandatory
-	-	-	-	100.8	1.6	112.8	1.7	190.5	2.5	Non-Mandatory
$ 531.7	10.4	$ 580.0	10.3	$ 629.3	10.2	$ 692.8	10.2	$ 743.6	9.9	Auxiliary Enterprises
$ 976.8	19.1	$1 088.0	19.3	$1 187.4	19.3	$1 354.1	19.9	$1 474.0	19.6	Hospitals
$ 24.6	0.5	$ 29.3	0.5	$ 9.8	0.2	$ 8.4	0.1	$ 26.2	0.4	Independent Operations 3/
$ 33.2	0.7	$ 35.2	0.6	$ 0	0.0	$ 0	0.0	$ 0	0.0	TOTAL, NONRESPONDING INSTITUTIONS (ESTIMATED)

FIGURE 3

ANNUAL PERCENTAGE INCREASE IN CURRENT-FUNDS EXPENDITURES BY INSTITUTIONAL CONTROL, 1979-80 THROUGH 1988-89

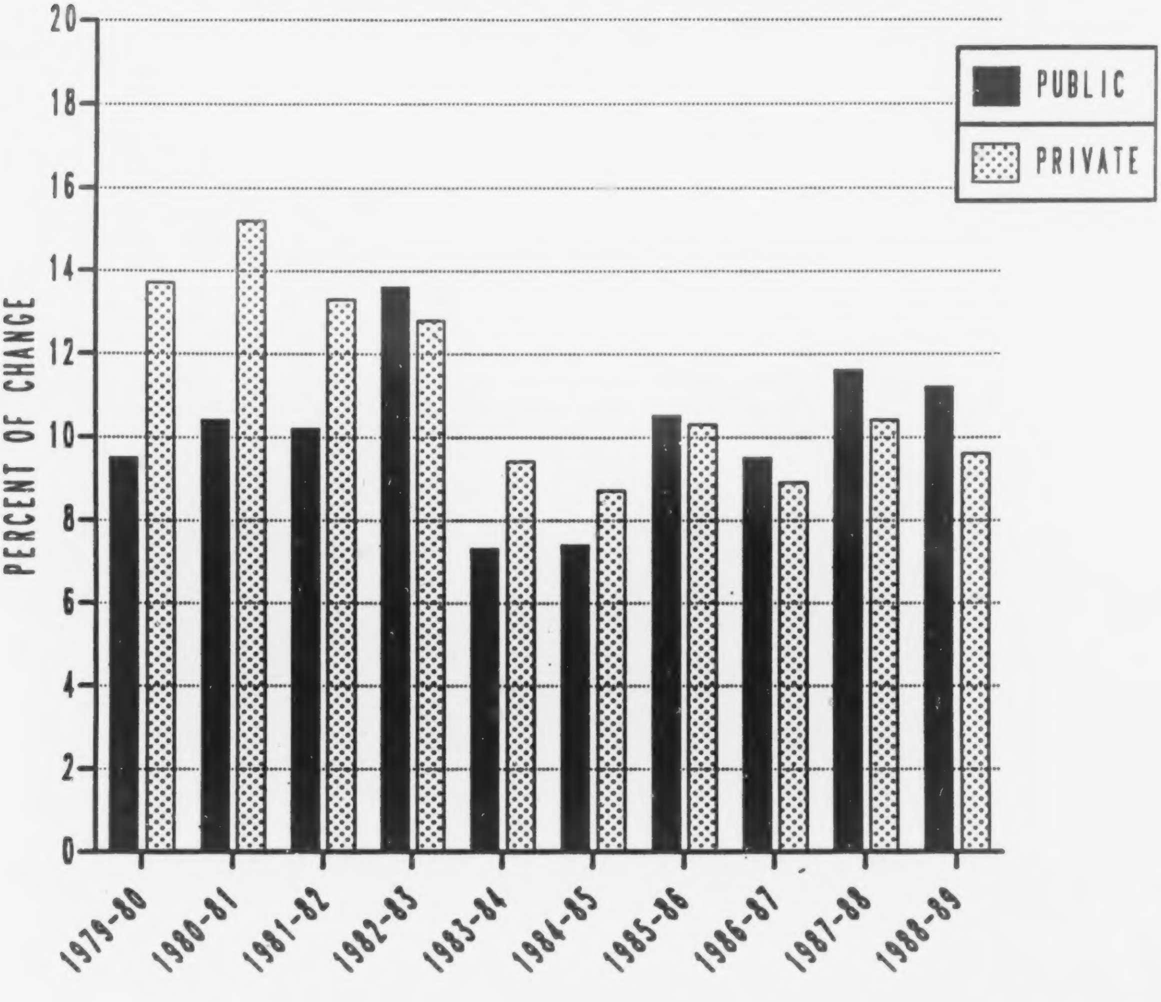


FIGURE 4

CURRENT-FUNDS EXPENDITURES BY FUNCTION
1979-80 and 1988-89

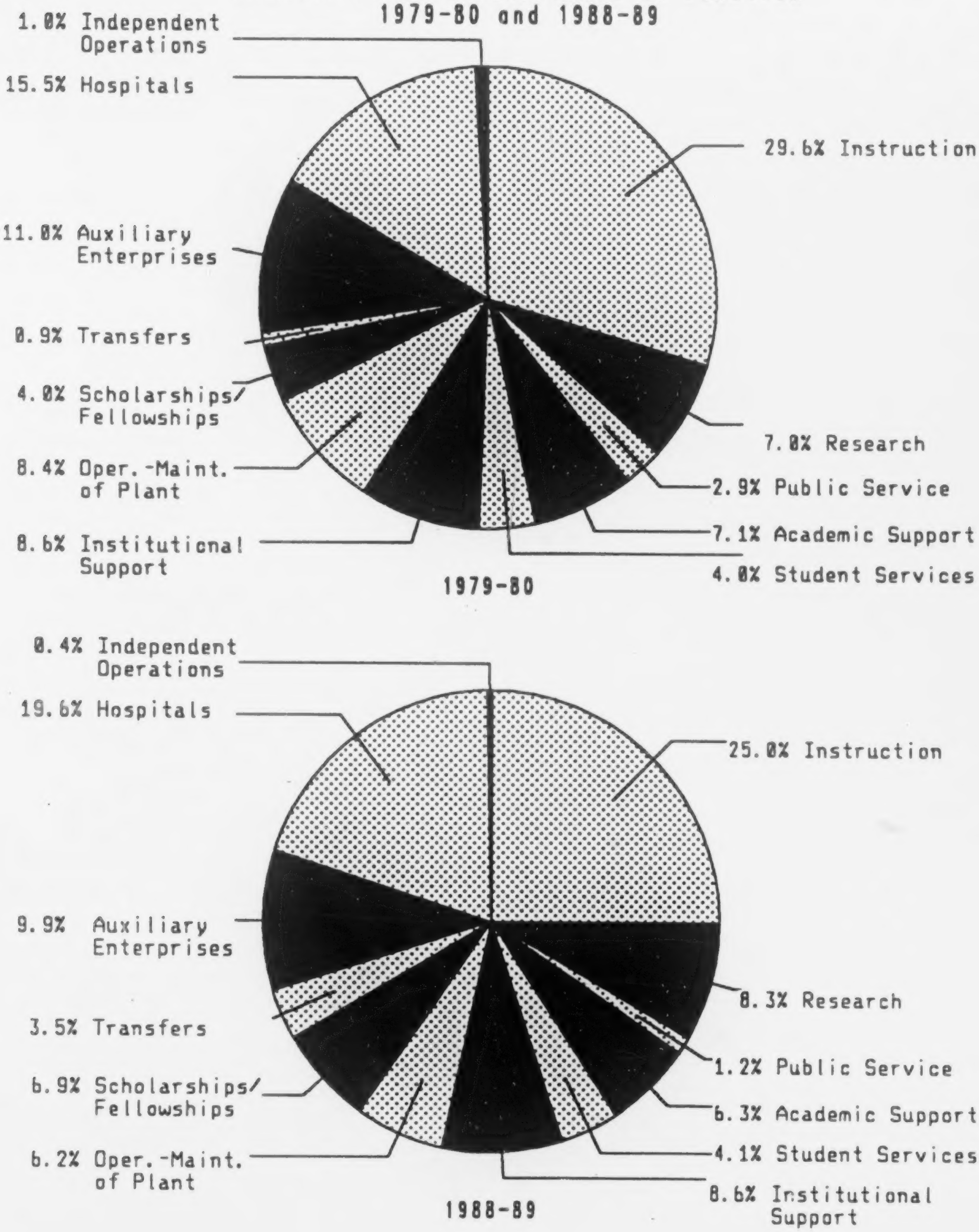


TABLE 3

CURRENT-FUNDS REVENUES BY SOURCE BY INSTITUTIONAL CATEGORY
1988-89

(IN THOUSANDS)

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions	Private Colleges and Universities	Theological Seminaries	Private Junior Colleges
Number of Institutions	147	14	4	14	11	80	15	9
TOTAL, ALL INSTITUTIONS	$7 528 356	$717 447	$2 294 130	$341 185	$2 156 014	$1 948 609	$28 568	$42 403
Tuition and Fees	2 399 239	209 156	571 814	101 366	432 355	1 055 725	5 923	22 900
Government Appropriations	1 010 240	311 673	476 314	145 934	71 210	4 735	0	374
Government Grants and Contracts	918 539	70 795	328 449	60 925	236 722	214 994	88	6 566
Private Gifts/Grants/Contracts	401 802	7 335	120 703	3 848	101 930	153 891	12 174	1 921
Endowment Income	191 662	232	40 466	34	41 245	101 914	6 532	1 239
Sales and Services of Educational Activities	95 474	1 466	53 598	155	31 324	8 742	189	0
Auxiliary Enterprises	779 117	86 169	257 051	19 693	98 521	306 705	2 818	8 160
Hospitals	1 504 202	0	425 430	0	1 078 772	0	0	0
Other Sources	205 446	30 621	15 708	9 230	63 254	84 546	844	1 243
Independent Operations	22 635	0	4 597	0	681	17 357	0	0

Note: Includes estimated data for nonresponding institutions.

TABLE 4

CURRENT-FUNDS EXPENDITURES BY FUNCTION BY INSTITUTIONAL CATEGORY 1988-89

(IN THOUSANDS)

	All Institutions	State Universities	State-Related Commonwealth Universities	Community Colleges	Private State-Aided Institutions	Private Colleges and Universities	Theological Seminaries	Private Junior Colleges
Number of Institutions	147	14	4	14	11	80	15	9
TOTAL, ALL INSTITUTIONS	$7 517 903	$721 695	$2 295 609	$331 260	$2 165 414	$1 931 152	$30 000	$42 773
Education and General Expenditures	$5 274 084	$635 060	$1 607 433	$313 134	$1 014 718	$1 639 629	$27 124	$36 986
Instruction	1 879 734	277 080	570 914	142 402	349 154	521 149	7 963	11 072
Research	620 486	1 821	304 414	54	188 232	125 916	49	0
Public Service	91 627	12 076	55 248	1 424	6 945	15 629	275	30
Academic Support	474 711	57 986	164 024	26 607	93 173	128 282	2 926	1 713
Student Services	309 041	45 745	69 985	25 094	32 548	129 258	1 303	5 108
Institutional Support	646 806	81 324	145 656	46 679	122 077	236 772	6 513	7 785
Operation and Maintenance of Plant	463 508	66 154	129 201	28 300	87 563	143 901	4 460	3 729
Scholarships and Fellowships	520 780	58 873	101 802	33 369	87 195	231 580	2 493	5 468
Educational and General Transfers								
Mandatory	77 148	14 869	10 066	4 689	15 572	30 765	135	1 052
Non-Mandatory	190 443	19 132	56 123	4 516	32 259	76 377	1 007	1 029
Auxiliary Enterprises	$ 743 612	$ 86 635	$ 256 792	$ 16 245	$ 99 645	$ 275 632	$ 2 876	$ 5 787
Hospitals	$1 474 036	$ 0	$ 426 459	$ 0	$1 047 577	$ 0	$ 0	$ 0
Independent Operations	$ 26 171	$ 0	$ 4 925	$ 1 881	$ 3 474	$ 15 891	$ 0	$ 0

Note: Includes estimated data for nonresponding institutions.

TABLE 5

PHYSICAL PLANT ASSET VALUES BY TYPE OF ASSET BY INSTITUTIONAL CATEGORY
1988-89

	Total Assets	Land	Buildings	Equipment
TOTAL, REPORTING INSTITUTIONS (139)				
Book Value Beginning of Year	$ 7 861 001 585	$ 330 468 273	$ 5 277 280 880	$2 253 252 432
Book Value End of Year	8 519 657 197	354 666 862	5 659 579 144	2 505 411 191
Current Replacement Value	16 742 484 096	-	13 120 190 651	3 622 293 445
State Universities (14)				
Book Value Beginning of Year	765 429 266	74 161 244	560 523 848	130 744 174
Book Value End of Year	810 911 557	76 306 899	584 505 570	150 099 088
Current Replacement Value	1 658 281 837	-	1 487 107 642	171 174 195
State Related Commonwealth Universities (4)				
Book Value Beginning of Year	2 011 308 580	53 604 279	1 383 745 483	573 958 818
Book Value End of Year	2 142 866 277	57 998 115	1 452 619 088	632 249 074
Current Replacement Value	4 419 134 585	-	3 276 316 659	1 142 817 926
Community Colleges (14)				
Book Value Beginning of Year	475 338 713	25 420 805	323 863 298	126 054 610
Book Value End of Year	497 446 206	25 593 737	339 703 452	132 149 017
Current Replacement Value	642 004 518	-	527 197 223	114 807 295
Private State-Aided Institutions (11)				
Book Value Beginning of Year	1 980 764 276	64 744 656	1 183 515 344	732 504 276
Book Value End of Year	2 185 960 976	72 092 054	1 280 115 147	833 753 775
Current Replacement Value	4 096 328 909	-	3 072 078 909	1 024 250 000
Private Colleges and Universities (73)				
Book Value Beginning of Year	2 489 412 885	99 822 914	1 726 608 911	662 981 060
Book Value End of Year	2 738 168 982	109 625 712	1 899 744 829	728 798 441
Current Replacement Value	5 586 127 958	-	4 466 187 393	1 119 940 565
Theological Seminaries (14)				
Book Value Beginning of Year	76 718 779	8 917 105	56 081 841	11 719 833
Book Value End of Year	79 803 832	9 194 984	58 486 526	12 122 322
Current Replacement Value	197 251 025	-	165 313 215	31 937 810
Private Junior Colleges (9)				
Book Value Beginning of Year	62 029 086	3 797 270	42 942 155	15 289 661
Book Value End of Year	64 499 367	3 855 361	44 404 532	16 239 474
Current Replacement Value	143 355 264	-	125 989 610	17 365 654

Note: 1. A dash (-) indicates "not applicable."

2. Includes only those institutions reporting physical plant assets. Data was not estimated for nonresponding institutions.

TABLE 6

INDEBTEDNESS ON PHYSICAL PLANT BY INSTITUTIONAL CATEGORY
1988-89

	Balanced Owed on Principal Beginning of Year	Additional Principal Borrowed During the Year	Payments Made on Principal During the Year	Balance Owed on Principal at End of Year	Interest Payments on Physical Plant Indebtedness
TOTAL, REPORTING INSTITUTIONS (121)	$2 452 543 683	$487 239 964	$268 201 846	$2 671 581 801	$171 508 116
State Universities (14)	60 516 912	10 857 547	12 501 905	58 872 554	3 141 702
State-Related Commonwealth Universities (4)	757 870 048	173 794 000	120 542 243	811 121 805	47 769 708
Community Colleges (14)	110 993 036	19 178 189	8 927 068	121 244 157	9 203 864
Private State-Aided Institutions (11)	749 844 454	103 051 326	59 666 429	793 229 351	53 588 429
Private Colleges and Universities (65)	762 467 849	178 113 902	64 205 760	876 375 991	56 829 427
Theological Seminaries (6)	2 123 937	0	35 019	2 088 918	202 337
Private Junior Colleges (7)	8 727 447	2 245 000	2 323 422	8 649 025	772 649

Note: Includes only those institutions reporting physical plant indebtedness. Does not include data for nonresponding institutions.

TABLE 7

STATEMENT OF CHANGES IN ENDOWMENT FUNDS BY BOOK AND MARKET VALUE AND INSTITUTIONAL CATEGORY
1988-89

	Value of Endowment at the Beginning of the Fiscal Year	Value of Endowment at the End of the Fiscal Year	Endowment Yield
TOTAL, REPORTING INSTITUTIONS (126)			$ 212 930 692
Book Value	$2 973 057 557	$3 284 552 360	
Market Value	3 527 944 023	3 991 777 806	
State Universities (11)			329 596
Book Value	3 678 262	3 717 198	
Market Value	3 915 149	4 056 486	
State-Related Commonwealth Universities (4)			23 496 247
Book Value	406 766 101	455 032 592	
Market Value	427 669 169	489 869 171	
Community Colleges (6)			111 324
Book Value	2 439 944	1 985 320	
Market Value	2 439 950	1 985 325	
Private State-Aided Institutions (10)			62 841 293
Book Value	861 406 890	957 425 167	
Market Value	963 175 015	1 089 866 292	
Private Colleges and Universities (75)			118 210 975
Book Value	1 608 447 614	1 768 965 964	
Market Value	2 028 186 394	2 293 679 734	
Theological Seminaries (12)			7 199 665
Book Value	80 326 808	86 780 939	
Market Value	91 166 823	99 711 203	
Private Junior Colleges (8)			741 592
Book Value	9 991 938	10 645 180	
Market Value	11 391 523	12 609 595	

Note: Includes only those institutions reporting endowment funds. Does not include data for nonresponding institutions.

TABLE 8

PERCENTAGE DISTRIBUTION OF CURRENT-FUNDS REVENUES OF INSTITUTIONS OF HIGHER EDUCATION IN THE UNITED STATES BY SOURCE 1979-80 THROUGH 1985-86

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and Fees	20.4	21.0	21.9	22.9	23.4	23.0	23.0
Government Appropriations	34.4	33.8	33.0	32.4	31.9	32.3	32.0
Government Grants/Contracts	13.0	12.6	11.4	10.4	10.4	10.5	10.8
Private Gifts/Grants/Contracts	4.8	4.8	4.9	5.2	5.2	5.3	5.4
Endowment Income	2.0	2.1	2.2	2.2	2.2	2.3	2.3
Sales and Services of Educational Activities	2.1	2.1	2.2	2.2	2.3	2.3	2.4
Auxiliary Enterprises	11.1	11.1	11.3	11.3	11.2	10.9	10.6
Hospitals	7.5	7.6	8.1	8.4	8.3	8.1	8.2
Other Sources	2.8	3.0	3.2	3.0	3.1	3.3	3.2
Independent Operations	1.9	1.9	1.8	1.9	1.9	2.0	2.2

Note: Because of rounding, detail may not add to totals.

Source: *Digest of Education Statistics, 1989*, U.S. Department of Education, Office of Education Research and Improvement.

TABLE 9

PERCENTAGE DISTRIBUTION OF CURRENT-FUNDS EXPENDITURES OF INSTITUTIONS OF HIGHER EDUCATION IN THE UNITED STATES BY FUNCTION 1979-80 THROUGH 1985-86

	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Education and General Expenditures	78.3	78.2	77.9	77.6	77.7	77.9	78.1
Instruction	32.5	32.4	32.6	32.5	32.2	32.0	31.8
Research	9.0	8.8	8.4	8.3	8.2	8.4	8.7
Public Service	3.2	3.2	3.1	3.1	3.0	3.2	3.2
Academic Support	6.8	6.7	6.6	6.7	6.7	6.8	6.8
Student Services	4.5	4.5	4.5	4.6	4.6	4.6	4.7
Institutional Support	8.9	9.0	9.2	9.2	9.5	9.5	9.6
Operation and Maintenance of Plant	8.3	8.4	8.5	8.4	8.2	8.2	7.8
Scholarships/Fellowships	3.9	3.9	3.9	3.8	4.0	4.1	4.3
Mandatory Transfers	1.3	1.3	1.1	1.1	1.2	1.1	1.2
Auxiliary Enterprises	11.4	11.4	11.4	11.3	11.3	11.1	10.8
Hospitals	8.4	8.5	8.9	9.2	9.0	8.9	8.9
Independent Operations	2.0	2.0	1.8	1.9	2.0	2.1	2.2

Note: Because of rounding, detail may not add to totals.

Source: *Digest of Education Statistics, 1989*, U.S. Department of Education, Office of Education Research and Improvement.

APPENDIX A

GLOSSARY

CURRENT-FUNDS EXPENDITURES - The costs incurred for goods and services used in the conduct of the institution's current operations. Includes both restricted and unrestricted expenditures.

CURRENT-FUNDS REVENUES - All funds, both restricted and unrestricted, available for financing current operations of the institution. These revenues do not include restricted current funds received but not expended because these revenues have not been earned.

ENDOWMENT FUNDS - Funds whose principal is nonexpendable and that are intended to be invested to provide earnings for institutional use (includes term endowment and quasi-endowment funds).

PELL GRANT - Grant awarded by the federal government based on the financial need of an undergraduate student enrolled at least half-time and who does not already have a bachelor's degree.

PHYSICAL PLANT ASSETS - The value of assets owned, rented or used by the institution including land, buildings, and equipment. Does not include those plant values which are a part of endowment or other capital fund investments in real estate.

PHYSICAL PLANT INDEBTEDNESS - Includes indebtedness liability against the physical plant.

PRIVATE CONTROL - Institutions listed in the following categories: private state-aided institutions, private colleges and universities, theological seminaries, and private junior colleges.

PUBLIC CONTROL - Institutions listed in the following categories: state universities, state-related commonwealth universities, and community colleges.

APPENDIX B

SOURCE

1. Finance (ED G50-14P-F)
2. *Digest of Education Statistics, 1989*, U.S. Department of Education, Office of Education Research and Improvement

APPENDIX C

NONRESPONDENTS
(data estimated)*

Annenberg Research Institute

Antioch University

Combs College of Music

Gratz College

Grove City College

* Estimation based on an increase of 5% over previous year data.

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Public Schools

Full-Time Professional Personnel 1989-90

DDS
Data Series

Pennsylvania Department of Education 1990

Public Schools

Full-Time
Professional Personnel
1989-90

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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July 1990

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HIGHLIGHTS

- The 122,754 professional personnel reflected an increase of 1.1 percent over the 121,470 reported in 1988-89 but a 4.5 percent decrease from the 128,518 reported in 1980-81.

- Classroom teachers accounted for 85.9 percent of all professional personnel.

- The average salary of all professional personnel increased 6.7 percent since 1988-89 to $34,437; the average salary of classroom teachers also rose 6.7 percent to $33,338.

- The length of service for all professional personnel averaged 16.9 years; for classroom teachers, 16.5 years.

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OVERVIEW

The total full-time professional staff of 122,754 in the public schools of Pennsylvania at the beginning of the 1989-90 school year was a 4.5 percent decrease from the 128,518 employed in 1980-81. During this same ten-year period the public school enrollment showed a 13.3 percent decrease, falling from 1,909,292 in 1980-81 to 1,655,271 in 1989-90. However, the public school enrollment is expected to increase over the next several years, and by 1993-94 should exceed 1.7 million. To accommodate this growth, the total number of professional personnel should increase approximately three percent over this same period.

Of the total number of personnel, 61.4 percent were female. This was an increase of 0.8 percent over the 60.6 percent in 1988-89 and a 4.1 percent increase over 1980-81. However, there was a wide disparity in the proportion of females within the various occupational categories of employees. Although females comprised 70.4 percent of the coordinate services employees and 63.0 percent of the classroom teachers, only 22.2 percent of the administrative/supervisory positions were filled by females. Nevertheless, this percentage represents a substantial increase over the proportion of females occupying administrative/supervisory positions in 1980-81. At that time, females filled only 12.5 percent of these positions. That year, three females were employed as district superintendents; however, by 1989-90 that number had grown to 29.

Over the past 10 years the average salary of all professional personnel rose $15,696 from $18,741 in 1980-81 to $34,437 in 1989-90. The 1989-90 figure was a 6.7 percent increase above the $32,281 average salary for the preceding year. For classroom teachers, the average salary also rose 6.7 percent from $31,248 in 1988-89 to $33,338 in 1989-90. Annual salaries of $30,000 or more were earned by 61.2 percent of elementary teachers and 66.3 percent of secondary teachers.

In 1988-89, the average public school classroom teacher in the United States earned approximately $29,629, a 5.5 percent increase over the 1987-88 average of $28,071. As in the preceding year, classroom teachers in Alaska ranked first in the nation earning an average of $41,832, 41.2 percent above the national average, while classroom teachers in South Dakota earned the lowest average salary, $20,525. With an average salary of $31,248, Pennsylvania ranked fourteenth, one position higher than in 1987-88 and three higher than in 1980-81.

Although the percentage of professional personnel holding a doctor's degree has remained virtually constant over the past ten years, the portion holding a master's degree has increased significantly. In 1980-81, the 47.5 percent holding a master's degree was 1.5 percent less than those with a bachelor's degree. In contrast, the 1989-90 master's degree rate was 52.3 percent, 7.4 greater than the 44.9 percent holding a bachelor's degree.

The average years of service rose slightly from 16.7 years in 1988-89 to 16.9 years in 1989-90. Males, with an average of 19.8 years of service, exceeded the 15.1 years of service for females by 4.7 years.

Also on the rise was the average age of the classroom teacher. This year, that figure was 42.3, a slight increase over the 41.9 average for 1988-89.

Retirement was the reason given by 43.7 percent of the 5,153 personnel who left the education profession permanently. Coupled with the 233 employees who transferred to a private school, college, or an out-of-state school, a total of 5,386 employees did not return to Pennsylvania public school classrooms at the start of the 1989-90 school year. An additional 755 employees remained in public education but transferred to another local education agency in Pennsylvania.

TABLE 1

PROFESSIONAL PERSONNEL BY OCCUPATIONAL CATEGORY 1980-81 THROUGH 1989-90

	Total	Administrative/ Supervisory	Classroom Teachers	Coordinate Services	Others
1980-81	128 518	6 410	109 928	9 934	2 246
1981-82	124 925	6 309	107 103	9 706	1 807
1982-83	121 328	6 497	103 855	9 913	1 063
1983-84	119 359	6 412	102 207	9 809	931
1984-85	118 782	6 353	101 484	9 708	1 237
1985-86	118 239	6 302	101 665	9 591	681
1986-87	119 751	6 318	102 993	9 709	731
1987-88	120 064	6 306	103 307	9 709	742
1988-89	121 470	6 416	104 379	9 957	718
1989-90	122 754	6 454	105 415	10 159	726

FIGURE 1

PROFESSIONAL PERSONNEL
1980-81 THROUGH 1989-90

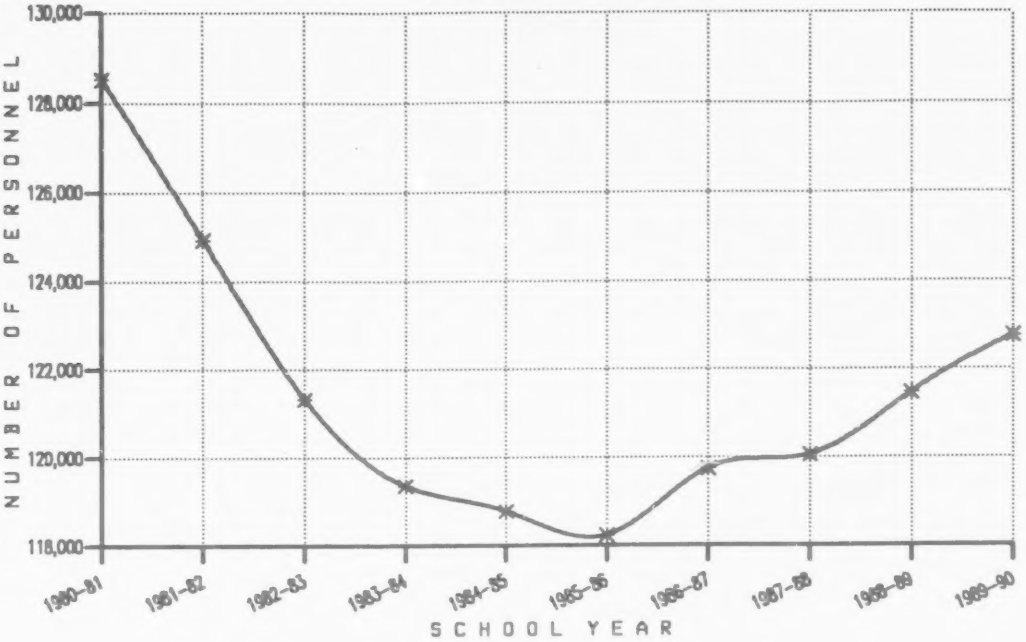

FIGURE 2

PROFESSIONAL PERSONNEL BY OCCUPATIONAL CATEGORY
1989-90

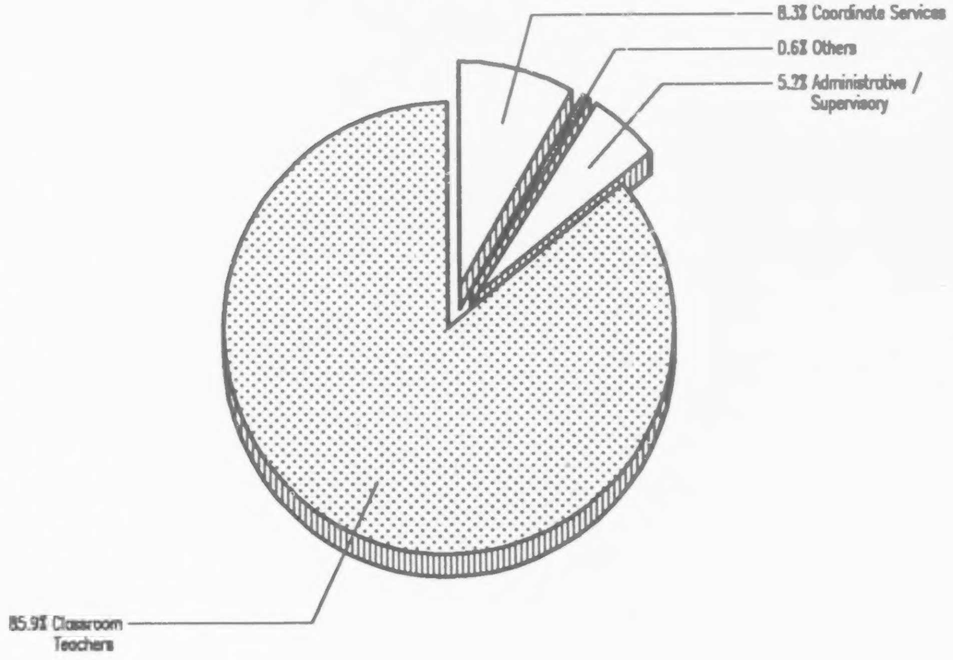

TABLE 2

PROFESSIONAL PERSONNEL AVERAGE SALARIES BY OCCUPATIONAL CATEGORY 1980-81 THROUGH 1989-90

	All Categories	Administrative/ Supervisory	Classroom Teachers	Coordinate Services	Others
1980-81	$18 741	$29 305	$17 981	$19 896	$19 996
1981-82	20 298	31 425	19 482	21 464	[illegible]
1982-83	22 016	33 486	21 178	23 268	20 551
1983-84	23 562	35 315	22 703	24 834	22 054
1984-85	25 105	37 275	24 192	26 318	26 999
1985-86	26 781	39 538	25 853	28 076	27 428
1986-87	28 384	41 772	27 422	29 711	29 287
1987-88	30 170	44 133	29 177	31 499	31 286
1988-89	32 281	47 015	31 248	33 465	33 388
1989-90	34 437	50 178	33 338	35 624	35 835

FIGURE 3

AVERAGE ANNUAL INCREASE IN PROFESSIONAL PERSONNEL SALARIES
1980-81 THROUGH 1989-90

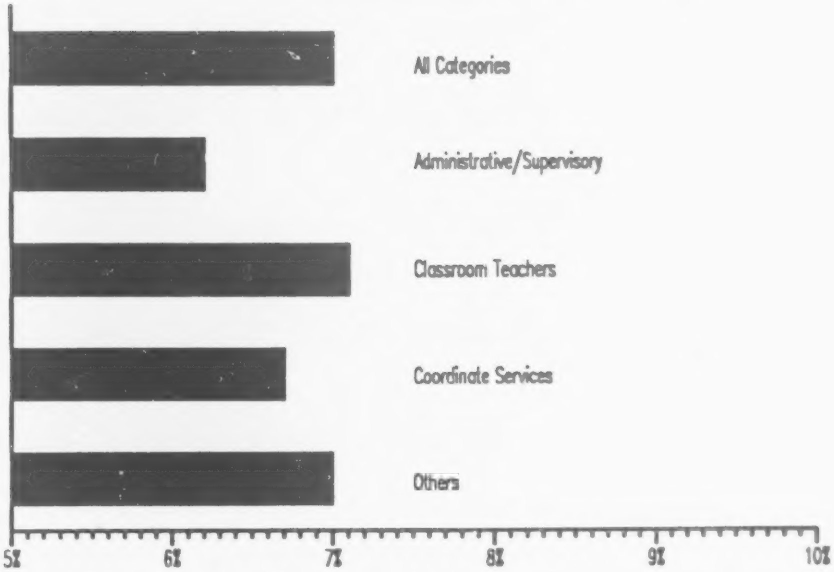

TABLE 3

PROFESSIONAL PERSONNEL BY SEX, AVERAGE SALARY, LEVEL OF EDUCATION, AND YEARS OF SERVICE BY POSITION

1989-90

	PERSONNEL			AVERAGE SALARY			AVERAGE LEVEL OF EDUCATION			AVERAGE YEARS OF SERVICE		
	Total	Male	Female	Male	Female	Male & Female	Male	Female	Male & Female	Male	Female	Male & Female
TOTAL	122 754	47 377	75 377	$37 186	$32 682	$34 437	5.90	5.65	5.75	19.80	15.05	16.88
ADMINISTRATIVE AND SUPERVISORY	6 454	5 024	1 430	$51 080	$46 998	$50 178	6.95	6.95	6.95	24.03	19.93	23.12
Executive Director	27	26	1	69 010	60 648	68 700	8.62	9.00	8.63	29.08	6.00	28.22
Assistant Executive Director	37	35	2	61 716	53 327	61 263	8.03	8.00	8.03	25.74	29.50	25.95
District Superintendent	499	470	29	63 839	62 714	63 776	8.33	8.66	8.35	26.73	22.93	26.51
Assistant District Superintendent	221	182	39	58 798	58 680	58 777	8.08	8.31	8.12	24.37	22.56	24.05
Administrative Assistant	170	136	34	50 925	43 523	49 445	6.65	6.56	6.64	25.92	20.74	24.88
Elementary Principal	1 545	1 121	424	49 411	48 432	49 140	6.79	7.08	6.87	24.81	20.90	23.74
Assistant Elementary Principal	88	62	26	42 595	41 017	42 136	6.61	6.38	6.55	20.60	18.23	19.90
Secondary Principal	874	823	51	51 921	52 354	51 946	6.85	7.06	6.86	24.91	21.75	24.73
Assistant Secondary Principal	979	810	169	47 193	46 684	47 106	6.74	7.02	6.79	22.04	18.99	21.51
K-12 or Middle School Principal	231	203	28	49 684	51 984	49 959	6.77	7.57	6.87	24.22	22.32	23.99
Asst. K-12 or Middle School Principal	154	118	36	45 258	40 691	44 229	6.61	6.72	6.64	20.08	17.86	19.56
Director of Vocational Education	82	75	7	52 985	43 790	52 160	7.04	6.43	6.99	23.15	18.14	22.72
Asst. Director of Vocational Educ.	48	40	8	46 889	41 609	45 971	6.48	7.38	6.63	20.70	13.25	19.46
Coordinator	249	152	97	43 724	39 435	42 047	6.26	6.22	6.24	22.88	17.40	20.75
Supervisor	1 250	771	479	49 334	45 718	47 955	6.62	6.75	6.67	23.08	19.51	21.71
CLASSROOM TEACHERS	105 415	39 004	66 411	$35 161	$32 251	$33 338	5.72	5.60	5.64	19.17	14.93	16.50
Kindergarten	2 638	49	2 589	30 898	31 654	31 639	5.53	5.44	5.44	13.43	16.13	16.08
Elementary	40 900	8 731	32 169	34 889	32 574	33 075	5.83	5.58	5.64	18.23	15.52	16.10
Secondary	41 025	23 860	17 165	35 211	32 524	34 098	5.65	5.59	5.63	19.88	15.73	18.14
Specialized, K-12 or Middle School	7 266	3 251	4 015	34 929	32 270	33 473	5.68	5.60	5.63	18.54	14.74	16.44
Special Education	11 546	2 489	9 057	34 365	30 742	31 535	5.81	5.66	5.69	15.46	11.12	12.05
Speech Correctionist	1 365	159	1 206	34 911	30 520	31 045	5.75	5.69	5.70	19.51	12.85	13.62
Department Head	675	465	210	44 088	42 064	43 466	6.80	6.63	6.74	25.45	22.60	24.57
COORDINATE SERVICES	10 159	3 002	7 157	$39 821	$33 845	$35 624	6.45	5.93	6.08	21.07	15.35	17.04
Asst. to the Superintendent (Inst.)	35	23	12	56 984	56 910	56 958	7.61	8.25	7.83	23.57	21.33	22.80
Asst. to the Superintendent (Bus.)	18	17	1	62 934	67 077	63 164	6.53	8.00	6.61	27.00	40.00	27.72
Audiometrist	17	2	15	35 850	29 661	30 389	6.00	6.00	6.00	13.50	10.80	11.12
Business Manager	172	147	25	48 528	32 712	46 216	5.46	3.96	5.24	16.01	8.56	14.92
Curriculum Coordinator	99	65	34	50 940	45 432	49 066	7.62	6.76	7.32	25.83	19.44	23.64
Dental Hygienist	68	1	67	31 054	32 841	32 814	6.00	5.58	5.59	22.00	14.54	14.65
Director of Data Processing	15	13	2	48 466	26 130	45 488	5.92	5.00	5.80	19.69	3.50	17.53
Director of Personnel	41	35	6	56 618	55 505	56 455	6.77	7.67	6.90	23.03	20.83	22.71
Federal Programs Coordinator	56	39	17	46 187	35 065	42 749	6.90	6.00	6.63	26.62	16.65	23.59
Guidance, Elementary	712	221	491	35 640	32 325	33 343	6.34	6.23	6.26	19.87	14.42	16.11
Guidance, Secondary	1 867	1 065	802	38 284	35 177	36 961	6.41	6.28	6.35	23.63	17.74	21.10
Guidance, K-12 or Middle School	807	320	487	39 639	39 115	39 324	6.76	6.97	6.89	21.83	17.16	19.01
Home and School Visitor	280	108	172	39 010	36 224	37 304	5.95	5.92	5.94	22.16	15.40	18.00
Librarian, Elementary	934	51	883	36 454	33 316	33 489	5.88	5.73	5.74	20.37	16.42	16.64
Librarian, Secondary	765	145	620	36 770	33 552	34 180	6.12	5.82	5.88	22.19	17.99	18.78
Librarian, K-12 or Middle School	250	29	221	33 816	32 374	32 537	6.00	5.83	5.85	19.03	15.32	15.75
School Food Services Manager	33	5	28	38 523	31 363	32 482	4.20	4.86	4.76	16.60	14.71	15.00
Occupational Therapist	35	1	34	20 596	25 662	25 498	4.00	4.71	4.69	3.00	6.74	6.63
Physical Therapist	71	4	67	38 798	35 023	35 235	5.75	5.76	5 76	15.25	11.10	11.34
Psychiatric Social Worker	20	7	13	32 640	34 063	33 539	5.86	6.23	6.10	15.14	15.15	15.15
Psychological Examiner	11	5	6	34 020	32 090	33 055	5.80	6.17	6.00	8.80	13.83	11.55
Psychologist	772	389	383	41 845	37 518	39 710	7.16	6.95	7.05	16.74	12.34	14.56
School Nurse	1 812	11	1 801	28 742	31 613	31 595	5.09	5.38	5.38	8.09	13.45	13.42
Specialist	1 269	299	970	37 060	33 687	34 490	6.06	5.92	5.95	18.18	15.64	16.24
OTHERS	726	347	379	$40 521	$31 517	$35 835	5.91	5.57	5.73	18.44	12.58	15.38

Note: See Appendix A for explanation of average level of education.

TABLE 4

PROFESSIONAL PERSONNEL LEVEL OF EDUCATION BY POSITION
1989-90

		LEVEL OF EDUCATION								
	Total	Unknown	One Year of College	Two Years of College	Three Years of College	Bachelor's Degree	Master's Degree	Master's + 1 Year	Master's + 2 Years	Doctor's Degree
TOTAL	122 754	409	195	466	287	55 110	47 176	11 511	5 458	2 142
ADMINISTRATIVE AND SUPERVISORY	6 454	43	1	10	2	305	2 555	1 491	950	1 097
Executive Director	27	0	0	0	0	0	1	1	5	20
Assistant Executive Director	37	0	0	0	0	1	3	8	7	18
District Superintendent	499	0	0	0	0	2	37	56	93	311
Assistant District Superintendent	221	0	0	0	0	0	28	33	44	116
Administrative Assistant	170	0	0	2	0	24	67	36	21	20
Elementary Principal	1 545	1	0	0	0	26	696	422	248	152
Assistant Elementary Principal	88	0	0	0	0	3	52	20	8	5
Secondary Principal	874	3	0	0	0	25	400	204	136	106
Assistant Secondary Principal	979	0	0	0	0	36	455	250	154	84
K-12 or Middle School Principal	231	0	0	0	0	5	107	66	20	33
Asst. K-12 or Middle School Principal	154	0	0	0	0	6	76	51	10	11
Director of Vocational Education	82	0	0	0	1	10	20	21	18	12
Asst. Director of Vocational Educ.	48	0	0	0	0	7	24	6	2	9
Coordinator	249	3	1	3	0	61	94	46	19	22
Supervisor	1 250	36	0	5	1	99	495	271	165	178
CLASSROOM TEACHERS	105 415	272	180	430	250	51 945	39 462	8 429	3 756	691
Kindergarten	2 638	0	0	0	2	1 623	889	103	17	4
Elementary	40 900	101	0	1	14	20 777	15 390	2 950	1 486	181
Secondary	41 025	148	177	423	201	19 839	14 781	3 614	1 481	361
Specialized, K-12 or Middle School	7 266	2	0	0	6	3 732	2 719	575	192	40
Special Education	11 546	19	3	6	22	5 387	4 662	972	429	46
Speech Correctionist	1 365	0	0	0	5	503	780	60	13	4
Department Head	675	2	0	0	0	84	241	155	138	55
COORDINATE SERVICES	10 159	61	4	18	27	2 628	4 879	1 514	725	303
Asst. to the Superintendent (Inst.)	35	0	0	0	0	1	7	6	4	17
Asst. to the Superintendent (Bus.)	18	0	0	0	0	2	9	3	2	2
Audiometrist	17	0	0	0	0	0	17	0	0	0
Business Manager	172	6	2	6	3	98	39	11	3	4
Curriculum Coordinator	99	0	0	0	0	12	24	19	8	36
Dental Hygienist	68	0	0	0	0	39	21	5	3	0
Director of Data Processing	15	0	0	0	0	10	2	0	2	1
Director of Personnel	41	0	0	0	0	6	13	8	7	7
Federal Programs Coordinator	56	0	1	0	0	6	23	14	5	7
Guidance, Elementary	712	0	0	0	0	22	526	127	30	7
Guidance, Secondary	1 867	0	0	0	0	52	1 287	382	109	37
Guidance, K-12 or Middle School	807	2	0	0	0	23	334	167	261	20
Home and School Visitor	280	8	0	0	1	84	113	43	28	3
Librarian, Elementary	934	0	0	0	0	367	470	73	22	2
Librarian, Secondary	765	0	0	0	0	251	394	89	22	9
Librarian, K-12 or Middle School	250	0	0	0	0	80	137	26	5	2
School Food Services Manager	33	1	1	2	2	22	5	0	0	0
Occupational Therapist	35	0	0	5	6	19	5	0	0	0
Physical Therapist	71	0	0	0	1	38	14	13	5	0
Psychiatric Social Worker	20	0	0	0	0	3	12	5	0	0
Psychological Examiner	11	0	0	0	0	4	5	1	0	1
Psychologist	772	2	0	0	0	16	257	261	129	107
School Nurse	1 812	23	0	5	13	1 151	484	89	42	5
Specialist	1 269	19	0	0	1	322	681	172	38	36
OTHERS	726	33	10	8	8	232	280	77	27	51

TABLE 5

PROFESSIONAL PERSONNEL TOTAL YEARS OF SERVICE BY POSITION
1989-90

	Total	01-05	06-10	11-15	16-20	21-25	26-30	21-35	36-Over
TOTAL	122 754	16 310	13 613	20 834	29 303	23 030	12 602	5 462	1 600
ADMINISTRATIVE AND SUPERVISORY	6 454	150	212	593	1 443	1 554	1 305	890	307
Executive Director	27	0	1	0	4	5	7	3	7
Assistant Executive Director	37	1	0	2	4	8	15	4	3
District Superintendent	499	5	9	7	54	146	129	118	31
Assistant District Superintendent	221	2	4	9	57	56	55	28	10
Administrative Assistant	170	5	4	9	33	39	33	35	12
Elementary Principal	1 545	14	40	144	349	355	336	216	91
Assistant Elementary Principal	88	1	7	14	28	22	11	2	3
Secondary Principal	874	10	17	56	170	217	195	158	51
Assistant Secondary Principal	979	18	49	123	268	232	169	97	23
K-12 or Middle School Principal	231	3	1	14	53	68	49	36	7
Asst. K-12 or Middle School Principal	154	5	12	31	39	29	25	11	2
Director of Vocational Education	82	2	3	6	18	28	13	8	4
Asst. Director of Vocational Educ.	48	2	1	11	13	11	7	3	0
Coordinator	249	16	10	32	59	59	43	25	5
Supervisor	1 250	66	54	135	294	279	218	146	58
CLASSROOM TEACHERS	105 415	14 668	12 088	18 400	25 444	19 535	10 207	4 003	1 070
Kindergarten	2 638	343	337	499	680	460	225	74	20
Elementary	40 900	6 457	3 955	7 068	10 831	7 633	3 393	1 168	395
Secondary	41 025	4 346	3 898	6 118	9 568	8 984	5 333	2 265	513
Specialized, K-12 or Middle School	7 266	963	890	1 307	1 787	1 290	689	264	76
Special Education	11 546	2 341	2 735	3 018	2 126	844	351	105	26
Speech Correctionist	1 365	212	259	349	325	141	51	24	4
Department Head	675	6	14	41	127	183	165	103	36
COORDINATE SERVICES	10 159	1 358	1 201	1 700	2 290	1 845	1 024	534	207
Asst. to the Superintendent (Inst.)	35	0	0	3	13	7	6	5	1
Asst. to the Superintendent (Bus.)	18	1	1	0	1	2	6	4	3
Audiometrist	17	3	3	9	1	1	0	0	0
Business Manager	172	35	32	29	33	16	11	13	3
Curriculum Coordinator	99	1	4	5	25	23	19	17	5
Dental Hygienist	68	14	14	10	12	9	5	1	3
Director of Data Processing	15	2	2	1	2	6	2	0	0
Director of Personnel	41	3	2	1	7	13	7	7	1
Federal Programs Coordinator	56	3	1	1	16	14	9	7	5
Guidance, Elementary	712	96	85	142	170	122	67	24	6
Guidance, Secondary	1 867	150	119	210	354	400	339	209	86
Guidance, K-12 or Middle School	807	83	44	121	204	182	92	61	20
Home and School Visitor	280	39	31	32	52	61	39	24	2
Librarian, Elementary	934	87	135	162	268	166	79	24	13
Librarian, Secondary	765	52	73	122	193	175	90	40	20
Librarian, K-12 or Middle School	250	38	29	50	53	56	15	7	2
School Food Services Manager	33	7	4	7	6	4	3	1	1
Occupational Therapist	35	19	9	4	3	0	0	0	0
Physical Therapist	71	16	23	18	9	1	3	1	0
Psychiatric Social Worker	20	2	3	6	5	3	0	1	0
Psychological Examiner	11	1	5	3	1	0	1	0	0
Psychologist	772	129	136	167	151	104	48	28	9
School Nurse	1 812	443	298	308	371	250	95	31	16
Specialist	1 269	134	148	289	340	230	88	29	11
OTHERS	726	134	112	141	126	96	66	35	16

TABLE 6
PROFESSIONAL PERSONNEL SALARY DISTRIBUTION BY POSITION (PART A)
1989-90

	Total	Under- $18 000	$18 000- $19 999	$20 000- $24 999	$25 000- $29 999	$30 000- $34 999	$35 000- $39 999	$40 000- $44 999	$45 000- $49 999
TOTAL	122 754	555	1 468	15 529	23 335	26 367	22 959	14 881	8 520
ADMINISTRATIVE AND SUPERVISORY	6 454	2	9	14	69	187	610	1 115	1 250
Executive Director	27	0	0	0	0	0	0	0	1
Assistant Executive Director	37	0	0	0	0	0	0	0	0
District Superintendent	499	0	0	0	0	0	2	8	31
Assistant District Superintendent	221	0	0	0	0	0	0	14	19
Administrative Assistant	170	1	2	2	5	6	13	27	20
Elementary Principal	1 545	1	0	1	9	22	160	274	352
Assistant Elementary Principal	88	0	0	0	2	7	25	28	12
Secondary Principal	874	0	0	0	1	5	49	113	240
Assistant Secondary Principal	979	0	0	0	4	45	158	193	184
K-12 or Middle School Principal	231	0	0	0	0	2	13	47	62
Asst. K-12 or Middle School Principal	154	0	0	2	0	10	35	38	27
Director of Vocational Education	82	0	0	1	1	0	2	14	13
Asst. Director of Vocational Educ.	48	0	0	0	0	1	5	18	7
Coordinator	249	0	2	5	20	37	33	56	41
Supervisor	1 250	0	5	3	27	52	115	285	241
CLASSROOM TEACHERS	105 415	497	1 372	14 415	21 215	24 065	20 359	12 217	6 284
Kindergarten	2 638	24	29	432	639	710	364	205	110
Elementary	40 900	194	450	5 897	8 324	9 113	8 465	4 834	1 945
Secondary	41 025	179	587	4 604	7 409	9 921	8 206	5 032	2 822
Specialized, K-12 or Middle School	7 266	45	127	954	1 525	1 673	1 065	862	702
Special Education	11 546	53	170	2 298	2 894	2 209	1 923	1 137	419
Speech Correctionist	1 365	2	9	227	401	343	214	63	52
Department Head	675	0	0	3	23	96	122	84	234
COORDINATE SERVICES	10 159	45	71	1 003	1 896	2 001	1 890	1 488	947
Asst. to the Superintendent (Inst.)	35	0	0	0	1	0	2	2	9
Asst. to the Superintendent (Bus.)	18	0	0	0	0	0	2	0	1
Audiometrist	17	0	0	1	6	8	1	1	0
Business Manager	172	0	1	4	11	21	17	26	29
Curriculum Coordinator	99	0	1	0	0	1	16	17	21
Dental Hygienist	68	1	0	9	16	16	7	14	3
Director of Data Processing	15	0	0	1	1	0	1	5	3
Director of Personnel	41	0	0	0	1	0	1	2	5
Federal Programs Coordinator	56	1	0	0	5	8	6	11	14
Guidance, Elementary	712	2	2	81	186	174	127	54	45
Guidance, Secondary	1 867	3	7	101	274	371	484	248	225
Guidance, K-12 or Middle School	807	0	1	30	60	92	153	363	74
Home and School Visitor	280	2	0	17	36	43	70	49	53
Librarian, Elementary	934	2	8	109	223	230	149	80	69
Librarian, Secondary	765	4	6	76	156	196	152	67	53
Librarian, K-12 or Middle School	250	2	4	40	57	54	35	26	18
School Food Services Manager	33	1	1	2	10	6	7	2	1
Occupational Therapist	35	4	3	7	12	3	1	1	0
Physical Therapist	71	0	0	2	12	22	15	20	0
Psychiatric Social Worker	20	0	0	2	4	6	3	3	0
Psychological Examiner	11	0	0	2	3	2	0	1	2
Psychologist	772	0	0	21	109	123	136	123	159
School Nurse	1 812	13	27	352	425	378	323	152	85
Specialist	1 269	10	10	146	288	247	182	221	78
OTHERS	726	11	16	97	155	114	100	61	39

TABLE 6

PROFESSIONAL PERSONNEL SALARY DISTRIBUTION BY POSITION (PART B)
1989-90

	$50 000 $54 999	$55 000- $59 999	$60 000- $64 999	$65 000- $69 000	$70 000- $74 999	$75 000- $79 999	$80 000- $84 999	Unknown
TOTAL	3 661	1 395	487	300	141	63	57	3 036
ADMINISTRATIVE AND SUPERVISORY	1 287	923	404	261	121	52	54	96
Executive Director	0	3	8	4	2	6	3	0
Assistant Executive Director	7	11	7	9	1	1	1	0
District Superintendent	66	97	93	65	53	35	47	2
Assistant District Superintendent	46	44	33	45	12	4	2	2
Administrative Assistant	40	24	11	13	1	0	0	5
Elementary Principal	311	292	51	39	6	1	0	26
Assistant Elementary Principal	7	4	0	1	0	0	0	2
Secondary Principal	153	163	82	33	24	3	1	7
Assistant Secondary Principal	268	58	38	11	6	0	0	14
K-12 or Middle School Principal	46	33	15	6	2	0	0	5
Asst. K-12 or Middle School Principal	28	9	2	0	0	0	0	3
Director of Vocational Education	16	16	10	3	2	0	0	4
Asst. Director of Vocational Educ.	9	6	0	0	0	0	0	2
Coordinator	33	14	5	2	0	0	0	1
Supervisor	257	149	49	30	12	2	0	23
CLASSROOM TEACHERS	1 999	284	20	1	0	0	0	2 687
Kindergarten	33	4	0	0	0	0	0	88
Elementary	584	87	4	0	0	0	0	1 003
Secondary	1 072	151	5	0	0	0	0	1 037
Specialized, K-12 or Middle School	127	6	0	0	0	0	0	180
Special Education	99	22	1	0	0	0	0	321
Speech Correctionist	4	0	0	0	0	0	0	50
Department Head	80	14	10	1	0	0	0	8
COORDINATE SERVICES	325	157	45	28	15	9	3	236
Asst. to the Superintendent (Inst.)	3	4	4	3	3	3	1	0
Asst. to the Superintendent (Bus.)	0	3	3	3	2	4	0	0
Audiometrist	0	0	0	0	0	0	0	0
Business Manager	19	19	9	6	7	1	1	1
Curriculum Coordinator	12	16	8	3	1	0	1	2
Dental Hygienist	0	0	0	0	0	0	0	2
Director of Data Processing	1	2	0	1	0	0	0	0
Director of Personnel	9	8	6	6	2	1	0	0
Federal Programs Coordinator	4	1	4	1	0	0	0	1
Guidance, Elementary	20	5	0	1	0	0	0	15
Guidance, Secondary	79	25	2	1	0	0	0	47
Guidance, K-12 or Middle School	17	6	0	0	0	0	0	11
Home and School Visitor	5	1	0	0	0	0	0	4
Librarian, Elementary	28	7	0	0	0	0	0	29
Librarian, Secondary	28	5	0	0	0	0	0	22
Librarian, K-12 or Middle School	4	0	0	0	0	0	0	10
School Food Services Manager	1	1	0	0	0	0	0	1
Occupational Therapist	0	0	0	0	0	0	0	4
Physical Therapist	0	0	0	0	0	0	0	0
Psychiatric Social Worker	1	0	0	0	0	0	0	1
Psychological Examiner	0	0	0	0	0	0	0	1
Psychologist	46	32	2	1	0	0	0	20
School Nurse	15	2	0	0	0	0	0	40
Specialist	33	20	7	2	0	0	0	25
OTHERS	50	31	18	10	5	2	0	17

TABLE 7

PROFESSIONAL PERSONNEL AGE DISTRIBUTION BY POSITION
1989-90

	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-Over
TOTAL	122 754	22	1 312	6 453	9 231	21 246	31 913	21 776	14 089	9 837	5 544	1 331
ADMINISTRATIVE AND SUPERVISORY	6 454	0	5	10	114	577	1 501	1 448	1 188	991	504	116
Executive Director	27	0	0	0	0	0	1	6	6	7	5	2
Assistant Executive Director	37	0	0	0	0	0	4	10	12	8	2	1
District Superintendent	499	0	0	0	0	5	68	138	131	113	37	7
Assistant District Superintendent	221	0	0	0	0	7	61	61	51	27	11	3
Administrative Assistant	170	0	0	0	3	13	39	33	24	32	20	6
Elementary Principal	1 545	0	0	0	21	138	383	344	264	236	133	26
Assistant Elementary Principal	88	0	0	0	7	18	29	20	8	2	4	0
Secondary Principal	874	0	0	0	11	46	198	205	181	154	66	13
Assistant Secondary Principal	979	0	0	1	29	129	274	226	153	95	62	10
K-12 or Middle School Principal	231	0	0	0	2	23	60	56	40	38	9	3
Asst. K-12 or Middle School Principal	154	0	0	3	7	37	38	26	25	15	3	0
Director of Vocational Education	82	0	0	0	1	6	14	15	15	17	10	4
Asst. Director of Vocational Educ.	48	0	0	0	1	8	10	10	7	10	1	1
Coordinator	249	0	1	3	8	28	58	49	55	33	8	6
Supervisor	1 250	0	4	3	24	119	264	249	216	204	133	34
CLASSROOM TEACHERS	105 415	20	1 286	6 169	8 498	19 085	27 944	18 355	11 399	7 568	4 174	917
Kindergarten	2 638	1	31	174	201	541	700	410	252	196	108	24
Elementary	40 900	8	584	2 242	2 716	7 499	11 550	7 071	4 273	2 922	1 689	346
Secondary	41 025	6	405	1 989	2 755	5 992	10 694	8 263	5 275	3 469	1 786	391
Specialized, K-12 or Middle School	7 266	2	79	458	697	1 406	1 986	1 180	726	433	245	54
Special Education	11 546	2	179	1 182	1 888	3 199	2 579	1 146	647	387	258	79
Speech Correctionist	1 365	1	8	122	234	412	311	134	74	36	28	5
Department Head	675	0	0	2	7	36	124	151	152	125	60	18
COORDINATE SERVICES	10 159	2	15	241	560	1 438	2 304	1 867	1 400	1 216	830	286
Asst. to the Superintendent (Inst.)	35	0	0	0	1	3	11	7	10	3	0	0
Asst. to the Superintendent (Bus.)	18	0	0	0	1	1	0	2	3	6	4	1
Audiometrist	17	0	0	3	3	8	2	1	0	0	0	0
Business Manager	172	0	1	4	16	33	40	24	17	20	15	2
Curriculum Coordinator	99	0	0	1	0	2	20	26	21	19	7	3
Dental Hygienist	68	0	1	2	8	13	14	12	3	7	6	2
Director of Data Processing	15	0	0	0	3	2	2	5	2	1	0	0
Director of Personnel	41	0	0	0	0	3	5	13	12	6	1	1
Federal Programs Coordinator	56	0	0	1	0	5	9	8	11	9	11	2
Guidance, Elementary	712	0	4	29	54	117	204	147	70	54	23	10
Guidance, Secondary	1 867	0	1	44	83	205	429	368	310	242	146	39
Guidance, K-12 or Middle School	807	0	0	10	21	68	166	183	129	111	77	42
Home and School Visitor	280	1	0	2	10	30	44	57	36	36	36	28
Librarian, Elementary	934	0	3	24	65	179	276	162	75	80	59	11
Librarian, Secondary	765	0	1	16	30	128	201	148	82	73	66	20
Librarian, K-12 or Middle School	250	0	1	10	17	58	75	34	19	16	16	4
School Food Services Manager	33	0	0	0	3	8	5	6	5	2	3	1
Occupational Therapist	35	0	0	11	8	8	4	0	0	2	2	0
Physical Therapist	71	0	0	5	5	13	17	12	7	6	5	1
Psychiatric Social Worker	20	0	0	0	4	6	1	5	1	2	1	0
Psychological Examiner	11	0	0	1	0	3	3	1	2	1	0	0
Psychologist	772	0	1	30	70	135	208	147	79	49	36	17
School Nurse	1 812	1	0	21	71	161	230	271	369	348	253	87
Specialist	1 269	0	2	27	87	249	338	228	137	123	63	15
OTHERS	726	0	6	33	59	146	164	106	102	62	36	12

TABLE 8

PROFESSIONAL PERSONNEL TRANSFERS AND WITHDRAWALS BY POSITION 1989-90

	Total Transfers and Withdrawals	TRANSFERS				WITHDRAWALS			
		Total Transfers	In-State	Out-of-State	Private Schools/Colleges	Total Withdrawals	Retirement	Death/Illness	Other
TOTAL	6 141	988	755	154	79	5 153	2 253	180	2 720
ADMINISTRATIVE AND SUPERVISORY	485	157	133	15	9	328	231	15	82
Executive Director	3	0	0	0	0	3	2	0	1
Assistant Executive Director	0	0	0	0	0	0	0	0	0
District Superintendent	52	16	13	2	1	36	25	3	8
Assistant District Superintendent	10	4	4	0	0	6	4	0	2
Administrative Assistant	14	4	4	0	0	10	10	0	0
Elementary Principal	99	26	20	5	1	73	62	2	9
Assistant Elementary Principal	9	5	5	0	0	4	0	0	4
Secondary Principal	76	27	21	2	4	49	41	2	6
Assistant Secondary Principal	72	35	33	2	0	37	27	3	7
K-12 or Middle School Principal	21	7	7	0	0	14	11	0	3
Asst. K-12 or Middle School Principal	13	9	8	1	0	4	3	0	1
Director of Vocational Education	6	2	1	0	1	4	1	0	3
Asst. Director of Vocational Educ.	4	0	0	0	0	4	4	0	0
Coordinator	27	4	4	0	0	23	9	0	14
Supervisor	79	18	13	3	2	61	32	5	24
CLASSROOM TEACHERS	4 898	678	499	120	59	4 220	1 719	146	2 355
Kindergarten	96	6	5	0	1	90	44	1	45
Elementary	1 651	167	124	32	11	1 484	655	52	777
Secondary	2 148	287	210	47	30	1 861	790	70	1 001
Specialized, K-12 or Middle School	321	51	32	12	7	270	108	6	156
Special Education	585	152	120	26	6	433	85	15	333
Speech Correctionist	62	13	7	3	3	49	9	1	39
Department Head	35	2	1	0	1	33	28	1	4
COORDINATE SERVICES	657	137	111	17	9	520	281	19	220
Asst. to the Superintendent (Inst.)	4	3	3	0	0	1	0	1	0
Asst. to the Superintendent (Bus.)	0	0	0	0	0	0	0	0	0
Audiometrist	0	0	0	0	0	0	0	0	0
Business Manager	17	8	8	0	0	9	5	0	4
Curriculum Coordinator	10	4	3	0	1	6	5	0	1
Dental Hygienist	4	0	0	0	0	4	3	0	1
Director of Data Processing	2	1	1	0	0	1	1	0	0
Director of Personnel	2	0	0	0	0	2	2	0	0
Federal Programs Coordinator	5	1	0	0	1	4	4	0	0
Guidance, Elementary	41	21	17	3	1	20	7	1	12
Guidance, Secondary	134	33	29	3	1	101	62	8	31
Guidance, K-12 or Middle School	38	3	2	1	0	35	26	1	8
Home and School Visitor	12	0	0	0	0	12	9	0	3
Librarian, Elementary	55	8	7	0	1	47	17	0	30
Librarian, Secondary	46	8	7	1	0	38	24	2	12
Librarian, K-12 or Middle School	16	3	1	1	1	13	4	0	9
School Food Services Manager	7	2	2	0	0	5	3	0	2
Occupational Therapist	2	0	0	0	0	2	0	0	2
Physical Therapist	5	1	0	0	1	4	2	0	2
Psychiatric Social Worker	0	0	0	0	0	0	0	0	0
Psychological Examiner	0	0	0	0	0	0	0	0	0
Psychologist	53	20	15	4	1	33	11	0	22
School Nurse	139	6	5	1	0	133	73	5	55
Specialist	65	15	11	3	1	50	23	1	26
OTHERS	101	16	12	2	2	85	22	0	63

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
	Intermediate Unit 1	7,450,780	31,840	203	16.74	289	15.80	215	5.67	159	171	70	241
	Allegheny IU 3	24,627,917	33,326	145	14.39	481	8.03	588	5.70	144	570	177	747
	Midwestern IU 4	4,586,986	29,785	323	13.47	521	11.70	519	5.30	490	122	36	158
	Northwest Tri-County IU 5	6,394,375	27,681	485	11.40	570	10.03	558	5.58	234	214	29	243
	Riverview IU 6	5,015,138	25,985	558	9.31	592	7.86	590	5.26	507	163	34	197
	Westmoreland IU 7	9,448,702	30,878	251	15.00	439	13.74	413	5.75	123	226	93	319
	Appalachia IU 8 1/	8,843,830	26,558	540	14.04	500	12.83	470	5.36	450	276	76	352
	Seneca Highlands IU 9 1/	3,745,395	23,705	590	13.30	527	11.06	539	5.53	280	135	29	164
	Central IU 10	2,945,197	27,784	478	13.66	514	12.14	505	5.14	531	85	22	107
	Tuscarora IU 11	1,837,125	24,495	584	8.84	593	6.03	594	5.63	190	63	14	77
	Lincoln IU 12	9,539,499	25,922	560	9.43	591	7.86	591	5.52	294	319	58	377
	Lancaster-Lebanon IU 13	7,516,553	27,135	512	9.50	590	8.04	587	5.35	457	261	32	293
	Berks County IU 14	7,393,376	28,993	391	12.28	547	10.34	550	5.70	148	209	53	262
	Capital Area IU 15	6,795,751	28,434	430	11.76	557	9.55	570	5.81	101	214	31	245
	Central Susquehanna IU 16	3,909,284	27,530	495	11.10	576	10.03	560	5.67	164	116	33	149
	BLaST IU 17	6,060,039	27,798	477	11.50	563	10.28	551	5.58	237	174	46	220
	Luzerne IU 18	7,343,096	31,247	231	12.91	534	12.23	500	5.38	439	187	57	244
	Northeastern Educational IU 19	8,070,457	29,135	381	13.09	532	12.51	490	5.61	207	227	59	286
	Colonial Northampton IU 20	7,747,562	27,969	467	10.95	581	9.95	562	5.42	407	224	59	283
	Carbon-Lehigh IU 21	4,308,894	29,312	361	11.61	560	9.60	567	5.49	328	116	36	152
	Bucks County IU 22	9,669,868	36,767	77	11.95	552	9.98	561	6.06	43	215	48	263
	Montgomery County IU 23 1/	6,513,430	31,928	196	14.05	498	11.48	529	5.82	98	205	24	229
	Chester County IU 24	9,184,257	30,311	286	11.23	574	8.68	580	5.35	461	255	51	306
	Delaware County IU 25	6,638,509	32,541	173	12.46	540	10.28	552	5.61	209	188	22	210
	Beaver Valley IU 27	4,310,668	30,144	299	14.70	465	13.71	415	5.28	504	116	28	144
	ARIN IU 28	2,881,784	28,817	406	11.87	554	10.62	547	5.53	282	85	15	100
	Schuylkill IU 29	3,382,850	24,513	583	10.31	586	9.34	572	5.53	283	108	34	142
ADAMS	Bermudian Springs SD	2,217,539	26,399	546	13.31	526	12.07	507	5.56	256	47	38	85
	Conewago Valley SD	4,029,039	27,979	464	15.47	411	13.34	441	5.73	130	89	58	147
	Fairfield Area SD	1,384,339	26,621	536	14.67	466	12.79	472	5.65	173	32	20	52
	Gettysburg Area SD	6,136,043	29,359	353	16.36	329	13.54	426	5.59	226	153	62	215
	Littlestown Area SD	2,557,081	27,495	498	14.90	445	13.27	443	5.59	227	57	39	96
	Upper Adams SD	2,592,819	27,879	469	13.87	507	11.70	520	5.63	191	66	27	93
ALLEGHENY	A W Beattie AVTS	976,809	34,886	109	13.31	525	11.21	536	4.11	560	10	19	29
	Allegheny Valley SD	2,927,600	38,020	54	22.30	6	21.17	7	5.84	86	45	32	77
	Avonworth SD	1,568,829	37,353	66	21.29	20	19.24	28	5.82	95	24	21	45
	Pine-Richland SD	3,970,434	34,525	121	17.08	251	15.25	268	5.40	421	74	45	119
	Baldwin Whitehall SD	9,932,200	41,731	24	22.33	5	20.72	9	6.08	39	127	118	245
	Bethel Park SD	11,899,018	43,746	9	21.05	23	19.42	25	6.04	45	156	124	280
	Brentwood Borough SD	2,418,862	35,055	104	16.77	285	15.10	280	5.57	243	43	27	70
	Carlynton SD 1/	4,112,625	41,541	26	18.32	136	17.63	93	5.52	284	57	47	104
	Chartiers Valley SD	6,615,366	42,956	13	23.11	2	21.70	2	5.95	59	83	75	158
	Clairton City SD 1/	2,130,090	34,919	107	20.57	37	18.92	36	5.36	448	43	20	63
	Cornell SD	1,805,189	36,840	76	20.96	26	18.65	41	5.68	155	27	22	49
	Deer Lakes SD	3,711,825	35,017	105	20.88	29	19.07	33	5.46	354	62	45	107
	Duquesne City SD	2,019,125	30,592	262	15.67	393	14.53	335	5.60	213	48	22	70
	East Allegheny SD	4,060,841	37,951	57	21.42	18	20.51	12	5.84	87	51	57	108
	Elizabeth Forward SD	5,543,760	35,310	98	19.92	56	18.23	64	5.43	389	108	58	166
	Forbes Road East AVTS	753,990	31,416	218	12.31	546	11.50	528	3.74	569	8	18	26
	Fox Chapel Area SD	9,013,015	39,358	42	19.87	59	17.74	87	5.96	55	141	92	233
	Gateway SD	10,715,340	42,861	15	23.14	1	21.35	4	6.25	23	138	120	258

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
ALLEGHENY	Hampton Township SD	5,389,095	37,166	70	16.86	272	14.33	361	5.74	126	102	48	150
	Highlands SD	6,454,489	37,745	59	21.84	12	20.61	10	5.85	82	94	82	176
	Keystone Oaks SD	6,122,849	41,092	29	21.05	24	18.61	44	5.79	106	89	66	155
	McKeesport Area SD	10,569,342	34,997	106	19.42	72	18.62	43	5.60	214	196	111	307
	Montour SD	6,373,739	37,714	60	18.85	102	17.68	91	5.79	107	88	89	177
	Moon Area SD	7,236,225	40,652	30	20.19	45	19.10	32	6.25	24	117	69	186
	Mount Lebanon SD	12,948,520	43,451	11	19.58	64	17.04	120	6.19	29	213	110	323
	North Allegheny SD	15,266,139	37,417	65	15.58	397	13.38	437	5.90	71	263	163	426
	Northgate SD	3,192,451	36,694	78	19.94	54	18.17	66	6.03	46	50	37	87
	North Hills SD	11,264,127	41,260	28	19.40	76	18.47	51	6.36	12	162	113	275
	Parkway West AVTS	733,537	29,341	356	10.36	585	7.04	592	5.13	532	9	16	25
	Penn Hills SD	15,171,952	39,821	38	21.89	11	21.26	5	5.56	252	232	162	394
	Pittsburgh SD	112,808,596	42,250	21	18.32	135	16.33	171	5.83	90	1,711	961	2,672
	Plum Borough SD 1/	8,376,925	37,564	63	18.82	103	17.71	90	5.62	199	141	87	228
	Quaker Valley SD	3,933,170	37,105	72	18.46	127	16.67	146	6.43	10	65	51	116
	Riverview SD	2,737,584	37,501	64	20.95	27	19.14	30	6.05	44	35	39	74
	Shaler Area SD	10,966,840	40,319	34	20.50	39	19.11	31	5.80	104	159	125	284
	South Allegheny SD	3,015,760	35,066	103	22.06	9	21.24	6	5.63	186	43	43	86
	South Fayette Township SD	2,330,600	35,855	88	16.27	341	15.57	237	5.28	499	38	32	70
	South Park SD	4,027,528	34,720	116	16.72	292	13.57	422	5.64	177	77	42	119
	Steel Center AVTS	637,650	33,560	140	12.57	537	9.10	574	4.73	540	8	13	21
	Steel Valley SD	4,061,905	34,133	128	18.88	100	18.08	69	5.64	178	69	54	123
	Sto-Rox SD	3,828,100	35,445	97	18.80	106	18.49	49	5.82	96	51	57	108
	Upper Saint Clair SD	8,768,510	42,773	17	18.02	159	16.17	182	6.00	47	133	84	217
	West Allegheny SD	4,501,545	36,597	79	17.21	237	16.14	184	5.46	355	72	52	124
	West Jefferson Hills SD	6,092,573	40,617	31	20.25	43	18.88	37	5.63	187	91	62	153
	West Mifflin Area SD	7,621,249	44,830	5	22.85	3	21.79	1	5.51	301	89	84	173
	Wilkinsburg Borough SD	4,638,339	36,522	80	16.80	280	14.69	321	5.97	52	82	54	136
	Woodland Hills SD	14,435,703	37,988	56	21.01	25	19.71	19	5.76	116	207	188	395
ARMSTRONG	Apollo Ridge SD	3,285,050	31,286	227	17.09	250	15.52	241	5.24	521	60	47	107
	Armstrong SD	14,993,128	31,300	224	17.97	165	16.79	138	5.38	441	303	184	487
	Freeport Area SD	3,785,180	31,808	205	17.21	239	15.51	242	5.35	463	70	52	122
	Leechburg Area SD	2,121,392	31,662	212	19.28	82	17.82	83	5.41	417	41	27	68
	Lenape AVTS 1/	941,458	29,420	349	16.24	345	13.67	419	4.75	539	9	24	33
BEAVER	Aliquippa SD	2,756,650	29,641	334	20.00	51	18.37	57	5.43	399	67	32	99
	Ambridge Area SD 1/	5,636,469	31,140	235	18.18	148	16.83	133	5.49	330	112	70	182
	Beaver Area SD	3,371,070	29,832	319	17.75	187	14.87	302	5.96	58	65	49	114
	Beaver County AVTS	644,750	28,032	462	11.04	578	9.70	566	4.65	543	3	20	23
	Big Beaver Falls Area SD	4,169,138	32,827	161	20.07	49	18.12	68	5.61	210	65	64	129
	Blackhawk SD	4,571,216	30,474	273	18.10	155	16.78	139	5.46	364	85	67	152
	Center Area SD	3,072,920	30,424	277	19.82	61	18.33	58	5.50	318	67	37	104
	Freedom Area SD	2,775,172	30,496	270	20.76	31	18.77	38	5.71	143	55	39	94
	Hopewell Area SD	4,742,856	33,877	133	20.66	35	19.64	21	5.45	373	89	51	140
	Midland Borough SD	363,710	27,977	465	20.86	30	19.57	23	5.25	519	11	3	14
	Monaca SD	1,508,025	29,000	390	17.92	168	16.94	126	5.48	342	29	23	52
	New Brighton Area SD	2,962,170	29,621	335	16.52	313	14.85	305	5.35	462	61	41	102
	Riverside Beaver County SD	3,094,724	28,654	415	17.22	236	16.03	193	5.61	211	75	43	118
	Rochester Area SD	1,888,020	32,000	194	19.44	70	18.48	50	5.64	184	38	23	61
	South Side Area SD	2,490,595	29,649	333	15.07	434	12.71	476	5.44	387	56	34	90
	Western Beaver County SD	1,687,125	31,243	232	21.91	10	20.53	11	5.68	158	28	27	55
BEDFORD	Bedford Area SD	3,884,944	27,358	505	16.79	281	15.87	205	5.39	429	85	61	146

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
BEDFORD	Bedford-Everett AVTS	219,965	24,440	585	8.78	594	5.11	595	4.50	548	3	6	9
	Chestnut Ridge SD	2,402,588	26,695	535	16.64	302	14.86	303	5.36	451	52	42	94
	Everett Area SD	2,221,789	27,094	517	15.88	376	13.77	411	5.38	435	55	28	83
	Northern Bedford County SD	1,761,190	27,518	497	17.28	230	16.30	175	5.59	225	37	27	64
	Tussey Mountain SD	2,197,655	27,131	513	18.29	140	17.04	121	5.36	452	44	40	84
BERKS	Antietam SD	1,794,258	33,853	134	18.66	117	16.57	153	6.26	19	34	19	53
	Berks County AVTS	1,690,541	30,737	255	11.57	561	10.19	554	3.52	580	16	42	58
	Boyertown Area SD	10,304,680	32,713	163	16.63	303	14.82	308	5.75	125	207	109	316
	Brandywine Heights Area SD	2,745,148	32,295	180	16.27	342	15.48	244	5.81	100	54	31	85
	Conrad Weiser Area SD	3,705,839	32,507	175	16.29	340	14.32	364	5.64	181	66	54	120
	Daniel Boone Area SD	3,880,990	33,456	142	17.69	192	16.00	196	5.57	246	78	40	118
	Exeter Township SD	5,136,049	33,135	153	16.82	279	14.42	348	5.61	205	102	58	160
	Fleetwood Area SD	2,514,127	32,651	169	17.21	238	15.94	203	5.94	63	45	33	78
	Governor Mifflin SD	6,909,600	34,037	130	17.83	175	15.95	200	5.94	64	128	81	209
	Hamburg Area SD	3,784,500	33,491	141	18.08	156	16.44	166	5.83	93	68	50	118
	Kutztown Area SD	3,188,641	32,872	158	18.35	132	16.62	152	5.98	50	56	45	101
	Muhlenberg SD	4,628,459	37,629	61	20.52	38	18.72	40	5.63	193	72	56	128
	Oley Valley SD	3,129,302	33,648	139	18.97	91	17.38	106	5.49	324	57	37	94
	Reading SD	23,391,653	31,356	220	14.66	467	13.50	428	5.49	325	561	219	780
	Reading-Muhlenberg AVTS	988,475	31,886	199	13.76	510	12.21	501	3.16	590	8	25	33
	Schuylkill Valley SD	3,138,306	32,690	165	16.36	330	14.89	295	5.48	336	59	42	101
	Tulpehocken Area SD	2,640,716	31,067	244	17.15	245	15.83	211	5.63	194	55	31	86
	Twin Valley SD	4,379,631	34,758	113	19.33	80	16.55	156	5.85	84	83	47	130
	Wilson SD	7,108,795	34,508	122	16.37	328	14.89	296	5.57	247	122	89	211
	Wyomissing Area SD	3,247,939	36,493	81	18.28	141	15.48	245	5.97	53	55	35	90
BLAIR	Altoona Area SD	14,310,050	29,566	339	16.78	283	15.79	221	5.48	334	312	196	508
	Altoona AVTS	1,042,702	27,439	499	14.56	476	11.97	509	3.79	568	11	28	39
	Bellwood-Antis SD	1,847,997	25,666	567	14.84	450	13.21	447	5.28	500	43	32	75
	Claysburg-Kimmel SD	1,407,900	27,605	489	18.77	109	17.44	103	5.46	357	25	27	52
	Hollidaysburg Area SD	5,757,458	28,644	416	18.41	129	15.70	229	5.51	302	117	86	203
	Spring Cove SD	3,378,301	28,152	457	17.69	191	15.80	217	5.44	379	74	48	122
	Tyrone Area SD	2,967,332	28,260	440	18.82	104	16.43	167	5.44	380	54	53	107
	Williamsburg Community SD	948,611	25,638	568	15.30	419	12.95	463	5.33	471	19	18	37
BRADFORD	Athens Area SD	4,884,880	28,904	399	16.38	326	14.91	294	5.54	272	98	75	173
	Bradford County AVTS	231,516	25,724	565	11.10	577	10.20	553	2.67	594	4	6	10
	Canton Area SD	2,215,768	29,942	311	16.57	308	15.35	258	5.57	248	39	35	74
	Northeast Bradford SD	1,939,828	30,790	253	16.46	318	14.41	351	5.48	339	34	29	63
	Sayre Area SD	2,376,400	31,268	228	21.73	14	19.45	24	5.63	195	47	30	77
	Towanda Area SD	3,242,585	30,590	263	18.80	107	16.64	150	5.67	165	62	45	107
	Troy Area SD	3,387,335	31,076	243	17.46	217	15.80	220	5.44	386	67	44	111
	Wyalusing Area SD	2,989,500	29,308	362	15.02	438	14.04	388	5.35	459	61	47	108
BUCKS	Bensalem Township SD	17,459,657	41,275	27	17.25	233	15.70	230	6.80	4	278	172	450
	Bristol Borough SD	3,101,312	36,920	74	13.88	506	12.77	473	5.48	341	55	29	84
	Bristol Township SD	20,335,580	42,543	18	18.16	151	16.82	134	6.10	37	316	162	478
	Bucks County AVTS	1,513,704	35,202	99	11.33	572	11.02	541	3.69	574	11	32	43
	Centennial SD	18,233,676	48,883	2	21.75	13	19.79	18	7.04	1	235	151	386
	Central Bucks SD	23,132,960	41,606	25	16.77	287	14.50	339	5.85	85	413	217	630
	Council Rock SD	26,426,310	45,096	4	15.54	403	12.83	471	5.64	182	414	209	623
	Middle Bucks County AVTS	791,772	39,588	40	15.26	421	14.43	347	3.60	577	3	20	23

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued

1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
BUCKS	Morrisville Borough SD 1/	2,601,088	30,245	291	14.16	490	12.47	493	5.46	363	63	30	93
	Neshaminy SD	24,878,896	44,426	6	17.25	234	14.63	328	5.60	220	378	191	569
	New Hope-Solebury SD	2,316,201	39,934	36	14.71	464	12.62	482	5.86	81	42	23	65
	Palisades SD	5,302,390	39,867	37	14.80	458	12.62	483	5.64	183	95	46	141
	Pennridge SD	12,385,300	40,474	32	16.02	371	14.53	336	5.92	68	226	107	333
	Pennsbury SD	26,952,319	43,612	10	17.60	202	15.97	197	5.91	69	400	244	644
	Quakertown Community SD	8,583,819	36,372	83	14.35	485	13.36	438	5.95	60	153	99	252
	Upper Bucks County AVTS	1,043,851	38,661	47	11.25	573	9.57	569	3.64	576	6	22	28
BUTLER	Butler Area SD	15,100,097	33,407	143	18.79	108	17.46	102	5.88	73	282	178	460
	Butler County AVTS	508,586	28,254	441	11.44	568	8.83	578	4.07	562	4	14	18
	Karns City Area SD	2,199,452	29,326	360	16.70	295	14.76	315	5.42	401	46	30	76
	Mars Area SD	3,329,729	30,270	287	14.63	468	13.57	423	5.50	307	76	40	116
	Moniteau SD 1/	2,210,541	28,340	435	16.29	338	14.64	325	5.43	390	54	35	89
	Slippery Rock Area SD 1/	3,421,855	26,733	529	15.25	422	13.46	432	5.55	258	93	45	138
	South Butler County SD	4,885,701	33,236	150	17.27	231	15.67	231	5.67	160	80	70	150
	Seneca Valley SD	9,138,002	31,402	219	15.74	389	13.22	446	5.66	169	202	99	301
CAMBRIA	Admiral Peary AVTS	520,790	28,932	395	12.16	549	10.79	544	4.00	564	5	14	19
	Blacklick Valley SD	1,336,325	29,050	385	17.16	244	15.30	263	5.31	485	24	26	50
	Cambria Heights SD	3,173,825	29,661	332	17.38	223	16.16	183	5.52	289	57	51	108
	Central Cambria SD	3,235,050	29,679	331	16.32	334	14.56	332	5.38	436	67	47	114
	Conemaugh Valley SD 1/	1,610,015	26,393	548	20.48	40	19.15	29	5.31	486	29	32	61
	Ferndale Area SD	1,364,100	28,418	431	16.29	339	15.42	252	5.33	472	24	24	48
	Forest Hills SD	3,978,515	29,913	313	18.31	138	17.17	117	5.41	410	80	59	139
	Greater Johnstown SD	8,198,932	30,939	249	21.52	16	20.27	14	5.30	491	178	93	271
	Greater Johnstown AVTS	1,625,850	29,560	341	16.33	333	14.16	374	5.83	91	18	40	58
	Northern Cambria SD 1/	2,084,804	26,728	531	15.22	424	14.23	371	5.26	508	41	38	79
	Penn Cambria SD	3,011,150	30,111	300	19.11	86	17.88	79	5.49	322	56	45	101
	Portage Area SD	1,784,650	28,784	409	16.72	293	15.80	218	5.45	369	37	27	64
	Richland SD	2,868,587	31,873	200	22.41	4	20.84	8	5.55	261	40	51	91
	Westmont Hilltop SD	2,859,490	31,081	242	18.26	142	16.44	165	5.56	255	53	42	95
CAMERON	Cameron County SD	1,751,790	28,254	442	18.92	98	17.86	81	5.50	310	33	31	64
CARBON	Carbon County AVTS	522,800	26,140	553	11.45	567	11.09	538	3.71	570	6	16	22
	Jim Thorpe Area SD 1/	1,735,455	27,116	516	15.73	390	13.20	449	5.24	520	35	29	64
	Lehighton Area SD	4,103,275	30,851	252	16.92	265	15.82	212	6.51	8	68	69	137
	Palmerton Area SD	2,865,425	29,848	317	15.36	415	13.93	396	5.76	121	55	45	100
	Panther Valley SD	2,197,525	29,696	329	18.11	154	17.49	101	5.40	426	31	43	74
	Weatherly Area SD	1,190,540	28,346	434	15.12	431	14.02	389	5.26	512	25	18	43
CENTRE	Bald Eagle Area SD	3,575,000	27,083	518	16.82	278	14.62	329	5.52	292	91	50	141
	Bellefonte Area SD	4,394,271	27,125	515	15.23	423	13.68	417	5.30	492	112	59	171
	Centre County AVTS	591,060	32,836	159	18.67	116	18.28	61	3.64	575	4	14	18
	Penns Valley Area SD	2,680,754	28,518	426	16.51	315	15.28	264	5.70	147	58	37	95
	State College Area SD	10,599,597	32,514	174	15.88	377	13.07	459	5.75	124	236	112	348
CHESTER	Avon Grove SD	4,293,826	29,612	337	14.28	487	12.62	484	5.57	250	103	43	146
	Central Chester County AVTS	743,266	32,315	179	11.92	553	8.63	582	4.31	556	8	16	24
	Coatesville Area SD	11,521,366	30,239	293	14.62	471	12.90	465	5.70	149	262	130	392
	Downingtown Area SD	14,544,755	33,207	152	13.35	524	11.70	521	5.58	238	323	131	454
	Great Valley SD	7,216,856	38,592	48	17.48	214	15.01	288	5.91	70	123	71	194

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
CHESTER	Kennett Consolidated SD	4,488,200	35,620	96	15.87	381	13.91	401	5.53	281	92	39	131
	Northern Chester County AVTS	1,208,599	34,531	120	14.57	475	12.06	508	4.82	535	13	22	35
	Octorara Area SD	4,170,027	33,095	154	16.90	270	15.67	232	6.19	30	82	46	128
	Owen J Roberts SD	7,013,062	38,533	50	18.68	115	16.56	154	5.97	54	122	68	190
	Oxford Area SD	4,599,389	31,288	226	14.38	482	12.63	481	5.25	518	102	53	155
	Phoenixville Area SD	6,523,790	36,445	82	17.15	246	14.95	291	5.96	57	122	63	185
	Tredyffrin-Easttown SD	12,521,599	42,302	20	18.21	147	14.66	324	6.10	38	175	121	296
	Unionville-Chadds Ford SD	6,153,296	35,161	101	13.78	509	11.53	527	5.82	99	116	65	181
	West Chester Area SD	23,712,574	38,000	55	17.06	254	14.14	377	5.79	111	404	222	626
CLARION	Allegheny-Clarion Valley SD	1,604,350	30,270	288	19.80	62	17.91	75	5.46	356	30	24	54
	Clarion Area SD	1,844,800	31,267	229	18.34	133	14.16	373	5.48	332	38	23	61
	Clarion County AVTS 1/	353,729	27,209	508	10.43	584	9.93	563	3.91	567	4	10	14
	Clarion-Limestone Area SD	1,691,641	28,194	452	14.74	463	13.44	436	5.52	286	33	28	61
	Keystone SD	2,172,274	29,355	354	16.19	348	15.11	278	5.53	279	44	31	75
	North Clarion County SD	1,326,208	28,217	449	15.02	437	13.46	433	5.55	259	26	22	48
	Redbank Valley SD	2,395,787	28,185	453	16.33	332	14.84	306	5.37	444	43	45	88
	Union SD 1/	1,520,883	30,417	278	19.43	71	18.25	63	5.48	333	26	25	51
CLEARFIELD	Clearfield Area SD	5,190,789	27,610	488	17.18	243	15.72	226	5.31	489	119	74	193
	Clearfield County AVTS	342,362	26,335	550	12.07	550	11.29	535	2.56	595	5	9	14
	Curwensville Area SD	2,244,878	27,714	484	17.39	222	16.51	159	5.33	474	42	42	84
	DuBois Area SD	6,407,543	30,367	281	18.58	121	17.02	122	5.47	346	118	98	216
	Glendale SD	1,604,151	25,064	574	16.39	323	15.34	260	5.52	293	33	31	64
	Harmony Area SD	768,325	25,610	569	15.37	414	14.47	341	5.25	515	18	12	30
	Moshannon Valley SD	1,926,574	28,331	436	17.22	235	16.06	191	5.34	466	29	43	72
	Philipsburg-Osceola Area SD	3,771,857	27,734	482	16.21	347	14.72	319	5.47	350	82	59	141
	West Branch Area SD	2,011,932	29,158	379	19.46	69	18.26	62	5.33	475	34	38	72
CLINTON	Keystone Central SD	10,966,861	29,720	328	16.91	267	15.44	251	5.41	412	234	148	382
	Keystone Central AVTS	563,969	29,682	330	15.15	429	13.95	394	4.67	542	8	12	20
COLUMBIA	Benton Area SD	1,352,470	27,049	520	17.20	240	14.80	312	5.27	506	30	21	51
	Berwick Area SD	5,090,225	26,103	555	14.94	442	13.66	420	5.45	370	133	74	207
	Bloomsburg Area SD	3,143,639	28,578	419	16.17	352	13.48	430	5.79	109	61	53	114
	Central Columbia SD	3,565,819	27,857	471	15.68	392	13.47	431	5.51	305	89	43	132
	Columbia-Montour AVTS	940,187	27,652	486	14.11	494	12.46	495	4.38	551	12	23	35
	Millville Area SD	1,641,667	27,361	504	17.03	258	14.52	337	5.68	156	38	22	60
	Southern Columbia Area SD 1/	1,747,710	25,701	566	14.62	470	13.45	435	5.46	361	50	27	7
CRAWFORD	Conneaut SD	5,226,125	28,714	411	16.91	266	15.45	247	5.94	62	110	76	186
	Crawford Central SD	8,527,082	28,235	444	16.14	357	14.41	349	5.49	321	213	101	314
	Crawford County AVTS	571,051	30,055	305	12.32	545	11.84	513	4.56	547	3	16	19
	Penncrest SD	6,881,688	29,283	364	17.82	178	16.38	168	5.65	172	137	102	239
CUMBERLAND	Big Spring SD 1/	5,037,537	29,985	310	17.06	253	14.93	293	5.59	231	115	58	173
	Camp Hill SD	2,284,523	32,176	184	19.94	55	16.54	157	5.50	316	41	30	71
	Carlisle Area SD	10,046,237	31,102	237	16.68	298	14.05	385	5.73	132	205	128	333
	Cumberland Valley SD	12,013,191	30,259	289	16.06	366	13.61	421	5.73	133	262	149	411
	Cumberland-Perry AVTS	935,464	28,347	433	11.03	579	9.88	564	2.82	593	11	22	33
	East Pennsboro Area SD	4,529,325	30,195	295	16.15	355	14.88	298	5.54	271	93	57	150
	Mechanicsburg Area SD	6,376,713	32,043	191	18.25	145	16.09	187	5.77	115	127	80	207
	Shippensburg Area SD	4,765,737	30,355	282	17.69	193	15.35	257	6.15	32	96	61	157

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary		Average Total Years		Average Unit Years		Average Education		Female	Male	Male & Female
				Rank		Rank		Rank		Rank			
CUMBERLAND	South Middleton SD	2,901,195	28,166	455	14.79	459	12.60	486	5.55	262	61	42	103
	West Shore SD	13,000,074	30,516	268	16.90	269	14.44	346	5.58	236	261	170	431
DAUPHIN	Central Dauphin SD	17,581,409	28,916	397	16.04	368	13.76	412	5.49	326	424	195	619
	Dauphin County AVTS	1,497,311	27,727	483	14.07	496	10.75	545	4.63	544	20	37	57
	Derry Township SD 1/	4,914,484	30,336	284	16.41	322	13.82	408	6.27	16	105	64	169
	Halifax Area SD	2,085,507	26,398	547	14.91	444	12.15	504	5.55	263	46	33	79
	Harrisburg City SD	17,384,752	27,815	475	15.84	384	14.75	317	5.29	496	451	188	639
	Harrisburg-Steelton-Highspire AVTS	802,971	25,902	561	10.06	587	8.91	577	4.75	538	13	19	32
	Lower Dauphin SD	6,408,380	28,737	410	13.68	513	11.84	514	5.44	384	157	77	234
	Middletown Area SD	4,555,697	28,833	405	16.31	337	14.63	327	5.49	327	99	61	160
	Millersburg Area SD	1,633,185	24,745	580	15.30	420	12.94	464	5.23	523	42	27	69
	Steelton-Highspire SD	2,262,559	26,618	537	13.45	522	11.84	515	5.34	467	52	37	89
	Susquehanna Township SD	3,489,856	28,841	403	17.57	205	14.30	365	5.38	438	88	41	129
	Upper Dauphin Area SD	2,353,203	25,578	570	15.49	409	13.49	429	5.48	337	52	44	96
DELAWARE	Chester-Upland SD	15,427,147	35,710	93	17.86	173	17.01	123	5.21	527	317	115	432
	Chichester SD	7,228,365	35,783	91	16.16	354	15.09	283	5.58	239	134	77	211
	Delaware County AVTS	1,329,540	39,104	46	13.53	518	12.47	494	4.04	563	10	26	36
	Garnet Valley SD 1/	3,620,682	34,482	123	17.76	186	14.70	320	5.76	122	64	41	105
	Haverford Township SD	10,182,300	37,852	58	17.41	220	15.09	284	6.35	14	185	99	284
	Interboro SD	6,648,157	35,742	92	15.20	426	14.16	376	5.73	136	118	75	193
	Marple Newtown SD	8,799,590	42,924	14	20.75	32	18.20	65	6.27	18	130	80	210
	Penn Delco SD	6,533,250	39,121	45	19.79	63	18.75	39	6.11	36	104	71	175
	Radnor Township SD	8,303,115	44,401	7	20.32	41	16.48	163	6.26	22	118	73	191
	Ridley SD	10,306,828	39,948	35	16.72	294	15.75	223	6.22	28	170	88	258
	Rose Tree Media SD	7,465,752	37,143	71	16.67	299	13.68	418	5.81	103	151	67	218
	Southeast Delco SD	7,653,422	38,267	51	16.83	277	15.89	204	5.72	138	145	70	215
	Springfield SD	6,516,166	39,254	44	17.52	210	14.79	314	6.08	41	124	54	178
	Upper Darby SD	17,730,104	35,890	87	16.47	317	14.38	355	5.93	66	331	175	506
	Wallingford Swarthmore SD	7,817,435	37,225	69	15.47	412	13.46	434	6.40	11	145	71	216
	William Penn SD	10,164,046	34,808	110	15.54	404	13.08	458	5.87	78	208	94	302
ELK	Johnsonburg Area SD	1,202,302	24,046	587	14.12	493	13.12	454	5.50	311	24	28	52
	Ridgway Area SD	1,995,357	29,343	355	19.91	57	18.32	59	5.52	290	35	33	68
	Saint Marys Area SD	3,482,840	29,267	365	19.19	85	17.73	88	5.44	381	67	57	124
ERIE	Corry Area SD	4,378,676	29,786	322	16.96	264	14.44	345	5.40	422	91	66	157
	Erie City SD	22,907,587	30,543	266	15.91	373	14.34	359	5.53	278	505	268	773
	Erie County AVTS	600,143	26,093	556	10.96	580	8.96	576	3.40	581	4	20	24
	Fairview SD	2,950,955	31,730	210	17.91	169	15.95	199	5.54	266	58	36	94
	Fort LeBoeuf SD	2,962,760	28,216	450	15.89	374	14.87	299	5.52	285	71	43	114
	General McLane SD	3,864,787	28,417	432	14.55	478	12.69	477	5.59	224	96	41	137
	Girard SD	2,917,584	32,061	190	17.60	201	15.80	216	5.63	188	59	35	94
	Harbor Creek SD	4,104,737	30,405	279	16.18	350	14.88	297	5.57	244	85	53	138
	Iroquois SD	2,168,848	28,917	396	16.60	305	14.97	289	5.58	235	51	24	75
	Millcreek Township SD	10,836,540	30,611	260	16.85	273	14.12	380	5.72	137	247	117	364
	North East SD	2,761,657	28,180	454	12.99	533	10.87	542	5.47	345	68	34	102
	Northwestern SD	2,608,141	29,304	363	18.33	134	17.17	116	5.70	145	58	34	92
	Union City Area SD	2,148,501	27,544	494	14.49	480	13.91	399	5.37	443	41	40	81
	Wattsburg Area SD	2,735,463	31,084	241	18.81	105	16.81	135	5.54	267	58	33	91
FAYETTE	Albert Gallatin Area SD	7,136,560	32,002	193	19.97	52	18.97	34	5.49	320	126	100	226

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
FAYETTE	Brownsville Area SD	3,948,725	31,339	222	18.95	92	18.44	53	5.48	331	82	51	133
	Connellsville Area SD	11,282,383	34,189	127	18.63	118	17.94	71	5.40	420	219	120	339
	Fayette County AVTS	704,029	29,334	357	13.58	517	12.58	487	4.24	557	7	17	24
	Frazier SD	2,338,300	31,598	213	19.04	89	18.50	48	5.45	366	45	31	76
	Laurel Highlands SD	7,129,600	34,609	119	19.40	75	18.43	54	5.36	447	128	83	211
	North Fayette County AVTS 1/	364,350	28,026	463	11.46	565	11.46	531	3.56	579	4	9	13
	Uniontown Area SD	6,398,950	32,815	162	19.52	67	18.28	60	5.31	482	118	81	199
FOREST	Forest Area SD	1,535,010	27,410	501	15.20	425	14.46	343	5.32	478	37	19	56
FRANKLIN	Chambersburg Area SD	12,163,232	28,552	424	16.68	297	13.92	398	5.83	92	298	141	439
	Fannett-Metal SD 1/	830,595	22,448	592	13.68	512	11.38	532	5.50	315	27	10	37
	Franklin County AVTS 1/	1,000,125	31,253	230	13.37	523	11.71	518	4.71	541	8	27	35
	Greencastle-Antrim SD	3,397,914	27,851	472	16.54	311	15.26	267	5.48	335	82	47	129
	Tuscarora SD	4,719,916	27,764	480	16.37	327	14.32	363	5.59	228	106	67	173
	Waynesboro Area SD	6,566,749	26,478	543	16.16	353	13.13	453	5.62	201	161	87	248
FULTON	Central Fulton SD	1,701,972	26,593	539	16.59	306	15.23	270	5.42	405	38	26	64
	Forbes Road SD	794,051	24,062	586	17.79	180	16.76	142	5.43	394	19	14	33
	Fulton County AVTS	39,000	19,500	595	1.00	596	1.00	596	1.00	596	1	1	2
	Southern Fulton SD 1/	1,130,800	24,582	582	16.18	351	14.80	310	5.46	358	28	22	50
GREENE	Carmichaels Area SD	2,193,250	30,461	275	15.08	433	14.34	358	5.34	464	44	33	77
	Central Greene SD	4,555,600	30,169	296	15.71	391	13.89	402	5.39	428	101	56	157
	Greene County AVTS	296,550	24,712	581	9.75	588	6.08	593	2.83	592	6	6	12
	Jefferson-Morgan SD	1,996,952	30,256	290	16.38	325	15.18	275	5.46	353	42	24	66
	Southeastern Greene SD	1,613,900	29,887	315	15.44	413	14.80	309	5.22	525	31	23	54
	West Greene SD	1,876,140	26,424	545	14.05	497	13.16	452	5.23	522	37	37	74
HUNTINGDON	Huntingdon Area SD	4,514,658	26,872	527	17.04	255	15.28	265	5.49	323	104	67	171
	Huntingdon County AVTS	399,392	24,962	578	10.69	583	7.94	589	3.18	588	5	11	16
	Juniata Valley SD	1,575,205	26,698	534	17.53	208	15.83	210	5.28	502	36	24	60
	Mount Union Area SD	2,773,000	24,981	575	16.19	349	15.37	255	5.40	424	65	47	112
	Southern Huntingdon County SD	2,088,400	25,161	572	15.84	383	14.34	360	5.26	509	47	39	86
INDIANA	Blairsville-Saltsburg SD 1/	3,692,850	27,976	466	16.58	307	15.34	262	5.54	275	79	58	137
	Homer-Center SD	1,900,463	28,794	408	16.32	336	15.39	254	5.43	400	38	28	66
	Indiana Area SD	6,841,872	30,008	306	15.16	428	12.85	469	5.61	212	163	80	243
	Indiana County AVTS	516,216	28,678	414	11.44	569	8.11	586	4.36	553	7	11	18
	Marion Center Area SD	3,079,199	27,740	481	16.15	356	14.28	366	5.69	154	76	35	111
	Penns Manor Area SD	1,997,598	28,950	394	15.48	410	13.71	416	5.50	319	42	31	73
	Purchase Line SD	2,625,130	28,227	446	16.24	346	15.42	253	5.63	198	58	38	96
	United SD	2,888,024	29,171	376	17.52	211	15.81	214	5.41	418	58	44	102
JEFFERSON	Brockway Area SD	2,228,650	28,572	421	15.84	382	14.05	384	5.45	368	49	32	81
	Brookville Area SD	3,590,679	29,192	375	16.84	274	15.02	287	5.55	260	78	49	127
	Jefferson County-DuBois AVTS	960,035	30,001	308	15.52	407	13.94	395	4.35	554	7	26	33
	Punxsutawney Area SD	5,988,094	30,242	292	17.58	203	16.55	155	5.47	347	112	93	205
JUNIATA	Juniata County SD	4,264,271	26,610	538	15.99	372	14.87	300	5.29	495	92	71	163
LACKAWANNA	Abington Heights SD	6,363,855	32,635	170	17.45	218	15.22	271	6.24	25	120	80	200
	Carbondale Area SD	2,603,436	29,252	368	16.45	319	15.85	208	5.60	217	57	34	91

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
LACKAWANNA	Dunmore SD	2,637,050	33,808	136	20.60	36	19.64	20	6.23	26	37	44	81
	Lackawanna County AVTS 1/	826,946	30,627	259	14.61	473	13.57	424	4.22	558	5	23	28
	Lakeland SD	2,467,725	30,465	274	17.64	198	16.11	186	5.76	119	48	35	83
	Mid Valley SD	2,388,295	29,125	382	15.16	427	14.08	383	5.55	264	51	32	83
	North Pocono SD	4,915,032	31,107	236	18.00	162	16.84	132	5.83	94	99	61	160
	Old Forge SD	1,635,901	31,459	216	17.69	194	16.48	161	5.52	297	21	31	52
	Riverside SD 1/	2,496,568	27,434	500	18.01	161	17.37	108	5.61	208	52	47	99
	Scranton City SD	20,269,212	33,011	156	18.37	131	17.59	95	5.76	120	442	192	634
	Valley View SD	3,710,573	30,167	297	16.89	271	16.09	188	5.48	340	69	56	125
LANCASTER	Cocalico SD	3,956,424	29,747	325	16.05	367	14.87	301	5.61	204	79	54	133
	Columbia Borough SD	2,229,356	29,333	358	16.42	320	15.08	285	5.67	163	44	33	77
	Conestoga Valley SD	5,797,578	32,388	177	17.97	163	15.87	206	5.73	131	99	85	184
	Donegal SD	3,465,200	28,876	402	14.25	488	13.17	451	5.84	88	83	44	127
	Eastern Lancaster County SD	6,031,784	31,091	239	17.77	182	16.08	189	5.87	76	121	75	196
	Elizabethtown Area SD	4,750,972	27,783	479	12.19	548	10.17	556	5.33	476	124	51	175
	Ephrata Area SD	6,530,397	30,515	269	15.56	398	13.88	403	5.42	406	141	79	220
	Hempfield SD	10,824,439	31,743	208	14.77	461	12.42	496	5.65	174	231	118	349
	Lampeter-Strasburg SD	3,537,399	29,478	345	14.63	469	12.25	498	5.46	359	78	48	126
	Lancaster County AVTS	1,716,522	29,093	384	11.63	559	9.84	565	3.69	572	12	51	63
	Lancaster SD	19,838,245	31,094	238	14.89	446	13.05	460	5.54	270	418	222	640
	Manheim Central SD	5,138,561	30,955	247	16.10	362	14.36	356	5.51	303	109	59	168
	Manheim Township SD	8,177,606	32,195	183	16.77	286	14.25	369	5.90	72	167	98	265
	Penn Manor SD	6,903,001	28,882	401	14.10	495	12.24	499	5.51	304	166	81	247
	Pequea Valley SD	3,460,710	29,328	359	16.10	363	15.05	286	5.43	395	84	39	123
	Solanco SD	5,472,927	28,504	427	14.50	479	12.54	489	5.46	360	129	72	201
	Warwick SD	5,862,933	30,221	294	16.07	365	12.60	485	5.59	230	134	68	202
LAWRENCE	Ellwood City Area SD	3,715,025	30,451	276	19.82	60	17.54	99	5.50	308	69	56	125
	Laurel SD	2,229,453	27,524	496	13.52	519	12.73	474	5.60	215	51	30	81
	Lawrence County AVTS	1,131,049	32,315	178	17.71	189	17.37	107	5.20	528	10	25	35
	Mohawk Area SD	3,224,890	29,860	316	17.66	196	16.67	147	5.59	221	64	45	109
	Neshannock Township SD	2,318,766	32,658	167	20.66	34	18.38	56	5.38	433	38	35	73
	New Castle Area SD 1/	8,291,885	38,566	49	22.28	7	21.41	3	5.87	75	129	95	224
	Shenango Area SD	2,359,944	30,648	257	18.92	97	17.88	78	5.45	367	47	31	78
	Union Area SD	1,689,200	30,164	298	19.36	79	17.77	86	5.41	408	34	22	56
	Wilmington Area SD	2,571,509	28,572	420	17.28	229	15.09	281	5.94	61	67	28	95
LEBANON	Annville-Cleona SD	2,859,249	28,592	418	17.37	224	15.09	282	5.37	445	66	35	101
	Cornwall-Lebanon SD	6,524,560	29,258	366	17.08	252	15.21	272	5.86	79	144	81	225
	Eastern Lebanon County SD	3,737,184	28,970	392	17.27	232	15.80	219	5.25	516	80	51	131
	Lebanon County AVTS	956,694	28,138	458	11.82	555	10.35	549	3.27	587	8	26	34
	Lebanon SD	6,712,228	29,439	348	16.35	331	14.40	353	5.44	383	149	82	231
	Northern Lebanon SD	3,963,073	27,908	468	15.89	375	14.76	316	5.25	517	81	63	144
	Palmyra Area SD	4,204,325	29,400	351	17.03	257	15.56	238	5.52	295	79	65	144
LEHIGH	Allentown City SD	26,693,390	33,366	144	16.56	310	14.61	331	5.60	218	539	303	842
	Catasauqua Area SD	3,362,634	33,966	131	14.87	447	13.99	393	5.69	152	55	51	106
	East Penn SD	11,432,097	34,642	118	16.39	324	14.64	326	5.60	219	210	133	343
	Lehigh County AVTS	2,662,551	33,281	147	14.81	456	12.63	480	4.47	549	19	62	81
	Northern Lehigh SD	3,062,650	29,168	378	14.83	453	13.25	444	5.59	233	66	43	109
	Northwestern Lehigh SD	3,300,300	31,733	209	14.93	443	13.09	456	5.40	427	62	45	107
	Parkland SD	11,045,716	34,734	115	16.83	276	15.72	227	5.66	171	191	133	324

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
LEHIGH	Salisbury Township SD	3,917,400	37,308	68	18.72	111	17.40	105	5.62	202	66	43	109
	Southern Lehigh SD	4,582,150	35,798	89	17.81	179	15.75	222	5.65	175	73	61	134
	Whitehall-Coplay SD	5,806,190	35,189	100	17.56	206	16.48	162	5.49	329	93	79	172
LUZERNE	Crestwood SD 1/	3,722,657	33,842	135	19.57	65	18.14	67	5.82	97	66	47	113
	Dallas SD	4,785,515	35,981	85	20.28	42	18.47	52	5.61	206	78	59	137
	Greater Nanticoke Area SD	3,628,635	30,751	254	19.53	66	18.59	45	5.92	67	65	60	125
	Hanover Area SD	3,461,544	31,185	233	17.76	184	16.91	130	5.40	425	67	45	112
	Hazleton Area SD	15,464,256	30,381	280	17.29	228	16.30	176	6.46	9	268	253	521
	Lake Lehman SD	3,852,699	32,105	187	16.57	309	15.35	259	5.98	51	73	49	122
	Northwest Area SD	2,842,215	32,669	166	17.32	227	15.25	269	6.14	33	45	42	87
	Pittston Area SD	6,037,483	32,114	186	18.05	157	17.67	92	5.73	134	112	83	195
	Wilkes-Barre AVTS	1,171,725	32,547	172	14.36	484	13.08	457	4.57	545	6	30	36
	West Side AVTS	1,255,434	33,037	155	16.13	359	15.63	236	5.28	503	13	25	38
	Wilkes-Barre Area SD 1/	14,167,100	31,693	211	19.42	74	17.92	73	5.67	167	258	204	462
	Wyoming Area SD	4,060,455	34,410	125	21.63	15	20.43	13	5.69	151	68	54	122
	Wyoming Valley West SD	10,894,705	34,807	111	19.04	90	17.89	77	6.07	42	204	116	320
LYCOMING	East Lycoming SD	3,075,632	29,573	338	15.53	405	13.91	400	5.43	398	62	42	104
	Jersey Shore Area SD	4,812,315	31,453	217	19.95	53	17.91	76	5.34	469	92	63	155
	Loyalsock Township SD	2,549,438	30,350	283	18.26	143	16.66	149	5.45	372	48	38	86
	Montgomery Area SD	1,937,989	28,499	428	14.81	455	12.20	502	5.26	510	41	29	70
	Montoursville Area SD	3,737,653	30,636	258	17.20	241	15.34	261	5.52	296	73	55	128
	Muncy SD	2,220,550	30,007	307	16.91	268	14.27	367	5.54	273	44	35	79
	South Williamsport Area SD	2,331,448	29,890	314	18.31	139	17.25	112	5.35	460	47	33	80
	Williamsport Area SD	14,049,340	32,446	176	16.73	291	15.17	276	5.39	431	249	185	434
MCKEAN	Seneca-Highlands AVTS	211,860	26,482	542	11.38	571	8.25	585	3.40	582	3	5	8
	Bradford Area SD	5,846,905	27,579	491	17.92	167	16.76	141	5.42	404	127	85	212
	Kane Area SD	2,453,950	27,572	492	14.76	462	13.20	448	5.50	312	59	34	93
	Otto Eldred SD	1,334,096	26,158	552	16.10	361	14.33	362	5.36	453	31	21	52
	Port Allegany SD	2,055,334	28,546	425	17.46	216	15.96	198	5.43	393	37	35	72
	Smethport Area SD	2,045,381	29,219	374	18.54	125	17.24	113	5.76	117	33	37	70
MERCER	Commodore Perry SD	1,145,650	27,277	506	15.64	395	14.23	370	5.62	200	24	20	44
	Farrell Area SD	2,227,898	30,943	248	20.21	44	18.97	35	5.53	277	36	37	73
	Greenville Area SD	2,966,639	30,583	264	19.42	73	17.05	119	5.64	179	57	42	99
	Grove City Area SD	4,286,894	29,362	352	16.26	343	13.83	407	5.59	222	86	65	151
	Hermitage SD 1/	3,947,667	30,602	261	20.14	47	17.34	109	5.78	113	75	62	137
	Jamestown Area SD	1,167,860	27,806	476	13.64	515	11.55	526	5.85	83	29	13	42
	Lakeview SD	2,310,509	29,246	370	16.41	321	14.95	290	5.59	223	46	35	81
	Mercer Area SD	2,485,950	30,316	285	18.56	124	16.88	131	5.36	449	56	30	86
	Mercer County AVTS	993,525	29,221	373	9.68	589	8.35	584	3.70	571	14	20	34
	Reynolds SD	3,026,090	30,566	265	19.08	88	17.91	74	5.71	139	63	40	103
	Sharon City SD	3,926,357	29,521	342	18.52	126	16.31	174	5.80	105	80	54	134
	Sharpsville Area SD	2,125,159	32,199	182	20.15	46	18.65	42	5.88	74	42	24	66
	West Middlesex Area SD	2,410,575	30,904	250	17.70	190	15.94	202	5.31	483	48	31	79
MIFFLIN	Juniata-Mifflin County AVTS	374,093	26,720	532	15.00	440	14.86	304	3.17	589	2	12	14
	Mifflin County SD	11,885,310	28,708	412	17.09	249	16.01	195	5.50	314	263	158	421
MONROE	East Stroudsburg Area SD	5,339,200	29,017	388	12.52	539	10.17	557	5.52	298	133	56	189
	Monroe County AVTS	810,391	33,766	138	11.67	558	9.04	575	4.09	561	5	22	27

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
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County	Local Education Agency	Salary Outlay	Average Salary		Average Total Years		Average Unit Years		Average Education		Female	Male	Male & Female
				Rank		Rank		Rank		Rank			
MONROE	Pleasant Valley SD	4,902,600	28,838	404	12.05	551	10.18	555	5.81	102	109	62	171
	Pocono Mountain SD	9,419,502	29,998	309	11.45	566	8.81	579	5.52	299	220	106	326
	Stroudsburg Area SD	5,557,919	29,563	340	14.14	491	12.33	497	5.74	127	139	59	198
MONTGOMERY	Abington SD	16,576,102	50,230	1	21.51	17	19.25	27	6.64	6	189	153	342
	Central Montgomery County AVTS	669,080	39,357	43	15.88	378	14.47	342	4.00	565	4	13	17
	Cheltenham Township SD	12,486,625	42,327	19	18.69	114	15.65	235	6.95	3	189	118	307
	Colonial SD	11,097,059	47,832	3	22.11	8	19.62	22	7.04	2	126	111	237
	Eastern Montgomery County AVTS	831,338	43,754	8	14.81	457	11.90	511	4.57	546	7	14	21
	Hatboro-Horsham SD	7,926,650	40,442	33	16.97	263	15.36	256	6.17	31	122	79	201
	Jenkintown SD	1,380,800	37,318	67	17.54	207	14.73	318	6.00	48	23	14	37
	Lower Merion SD	15,678,489	42,146	22	18.63	120	15.84	209	6.23	27	235	141	376
	Lower Moreland Township SD	4,498,250	42,840	16	18.14	152	15.55	239	6.74	5	70	37	107
	Methacton SD	7,756,963	36,937	73	17.36	225	15.45	249	5.74	129	130	85	215
	Northern Montgomery County AVTS	1,090,005	37,586	62	12.45	541	9.34	571	3.39	583	6	23	29
	Norristown Area SD	14,628,350	35,678	94	16.04	369	14.10	381	5.87	77	287	142	429
	North Penn SD	24,170,953	38,184	52	14.79	460	12.73	475	6.27	17	446	206	652
	Perkiomen Valley SD	4,753,880	33,243	149	15.53	406	13.51	427	5.79	110	91	55	146
	Pottsgrove SD	5,450,900	32,836	160	13.98	503	12.49	492	5.65	176	106	61	167
	Pottstown SD	5,698,604	34,747	114	18.23	146	16.81	136	5.47	352	102	70	172
	Souderton Area SD	9,803,872	35,650	95	15.87	380	14.09	382	5.71	142	196	92	288
	Springfield Township SD	4,825,289	43,082	12	19.38	77	17.51	100	6.26	20	67	50	117
	Spring Ford Area SD	6,819,666	34,794	112	15.56	401	14.40	354	5.94	65	124	76	200
	Upper Dublin SD	8,247,877	42,081	23	18.40	130	16.68	145	6.35	13	137	68	205
	Upper Merion Area SD	9,044,670	38,163	53	17.61	200	14.46	344	5.84	89	173	73	246
	Upper Moreland Township SD	6,931,320	39,382	41	17.13	247	15.16	277	6.11	35	105	73	178
	Upper Perkiomen SD	5,869,342	35,788	90	15.65	394	14.41	352	6.26	21	103	69	172
	Western Montgomery County AVTS	593,402	34,906	108	11.56	562	10.83	543	4.40	550	3	15	18
	Wissahickon SD	9,552,948	39,803	39	16.79	282	14.26	368	5.69	153	153	89	242
MONTOUR	Danville Area SD	4,073,561	29,096	383	17.12	248	15.11	279	5.35	458	76	65	141
NORTHAMPTON	Bangor Area SD	4,632,427	31,090	240	17.50	213	15.65	234	5.74	128	94	57	151
	Bethlehem Area SD	21,525,874	31,749	207	15.31	418	13.09	455	5.63	196	449	248	697
	Bethlehem AVTS 1/	1,185,284	32,034	192	12.68	536	11.58	524	3.57	578	12	28	40
	Eastern Northampton County AVTS	722,583	30,107	303	12.38	543	11.38	533	3.38	584	8	16	24
	Easton Area SD	11,724,799	31,860	201	17.63	199	16.12	185	5.46	362	232	147	379
	Nazareth Area SD	5,726,726	34,087	129	17.91	171	15.95	201	5.57	249	97	76	173
	Northampton Area SD	9,667,111	31,904	198	14.57	474	13.99	392	5.41	416	192	117	309
	Pen Argyl Area SD	2,878,622	31,289	225	17.86	172	16.49	160	5.63	197	54	40	94
	Saucon Valley SD	3,007,442	33,791	137	17.76	185	15.28	266	5.73	135	49	44	93
	Wilson Area SD 1/	2,649,848	30,111	301	17.02	261	14.54	333	5.55	265	58	42	100
NORTHUMBERLAND	Line Mountain SD	2,608,268	26,889	526	16.99	262	14.68	323	5.41	413	58	39	97
	Milton Area SD	4,794,498	28,038	461	16.03	370	12.88	466	5.23	524	107	71	178
	Mount Carmel Area SD 1/	2,272,270	26,732	530	17.52	209	15.71	228	5.29	497	46	40	86
	Northumberland County AVTS	262,233	23,839	589	8.36	595	8.36	583	3.00	591	2	9	11
	Shamokin Area SD	3,975,958	29,021	387	18.70	113	17.44	104	5.41	414	68	71	139
	Shikellamy SD	6,125,331	29,168	377	17.83	176	16.18	181	5.43	397	131	83	214
	Warrior Run SD	3,358,000	28,218	448	17.51	212	16.52	158	5.45	371	72	49	121
PERRY	Greenwood SD	1,317,895	26,895	524	15.80	386	14.49	340	5.44	385	31	18	49
	Newport SD	2,108,261	27,380	502	14.37	483	13.01	461	5.48	338	50	29	79

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CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
PERRY	Susquenita SD	3,722,006	27,570	493	14.61	472	12.66	479	5.34	468	82	53	135
	West Perry SD	4,309,587	25,805	562	14.19	489	12.49	491	5.43	396	97	70	167
PHILADELPHIA	Philadelphia City SD	448,828,554	36,907	75	14.05	499	13.78	410	6.55	7	8,366	3,795	12,161
PIKE	Delaware Valley SD	4,390,226	29,464	346	11.80	556	9.58	568	5.36	454	90	60	150
POTTER	Austin Area SD 1/	445,286	22,264	593	14.00	502	11.36	534	5.15	530	10	12	22
	Coudersport Area SD	1,574,827	27,628	487	16.53	312	14.16	375	5.31	488	31	26	57
	Galeton Area SD	905,733	28,304	438	16.78	284	15.19	274	5.50	313	18	14	32
	Northern Potter SD	1,253,985	26,124	554	13.73	511	11.83	516	5.47	349	29	19	48
	Oswayo Valley SD 1/	937,608	24,041	588	17.33	226	14.79	313	5.52	291	18	21	39
SCHUYLKILL	Blue Mountain SD	3,976,452	28,201	451	16.70	296	15.45	250	5.46	365	86	59	145
	Mahanoy Area SD	1,943,655	26,265	551	16.09	364	15.53	240	5.30	493	44	32	76
	Minersville Area SD	1,423,385	24,971	576	14.32	486	13.36	439	5.26	513	42	17	59
	North Schuylkill SD	3,417,222	28,241	443	17.03	259	16.03	194	5.54	276	60	66	126
	Pine Grove Area SD	2,724,884	26,714	533	15.04	436	13.74	414	5.33	477	66	38	104
	Pottsville Area SD	4,684,045	27,075	519	16.61	304	15.66	233	5.28	505	99	75	174
	Saint Clair Area SD 1/	628,533	20,951	594	18.44	128	17.18	115	5.38	442	15	19	34
	Schuylkill County AVTS	1,101,000	28,230	445	15.15	430	14.54	334	4.82	536	11	28	39
	Shenandoah Valley SD	1,156,324	26,891	525	17.96	166	16.26	178	5.41	419	23	24	47
	Schuylkill Haven Area SD	1,830,560	26,529	541	16.12	360	13.93	397	5.52	300	47	27	74
	Tamaqua Area SD	3,425,184	27,847	473	18.18	149	16.78	140	5.57	251	71	55	126
	Tri-Valley SD	1,713,920	25,968	559	15.63	396	14.13	379	5.30	494	41	26	67
	Williams Valley SD	1,831,394	25,794	563	16.65	301	15.86	207	5.06	533	38	33	71
SNYDER	Midd-West SD	4,618,627	28,162	456	15.56	400	14.23	372	5.68	157	96	71	167
	Selinsgrove Area SD	4,510,772	28,915	398	16.32	335	14.62	330	5.86	80	91	71	162
SOMERSET	Berlin-Brothersvalley SD	1,507,482	26,447	544	14.86	448	13.17	450	5.40	423	33	25	58
	Conemaugh Township SD	1,878,075	28,893	400	17.64	197	15.72	224	5.34	465	38	31	69
	Meyersdale Area SD	2,069,280	24,931	579	14.86	449	13.24	445	5.33	473	46	38	84
	North Star SD	2,345,875	26,964	522	15.52	408	14.41	350	5.50	309	59	32	91
	Rockwood Area SD	1,765,621	25,223	571	13.60	516	11.89	512	5.43	392	48	27	75
	Salisbury-Elk Lick SD	724,000	24,965	577	19.10	87	17.33	111	5.41	411	14	16	30
	Shade-Central City SD	1,104,650	26,942	523	16.51	314	15.72	225	5.32	479	19	24	43
	Shanksville-Stonycreek SD	779,747	25,991	557	14.81	454	12.87	468	5.38	437	19	12	31
	Somerset Area SD	4,593,107	29,255	367	17.40	221	14.68	322	5.31	487	103	55	158
	Somerset County AVTS 1/	526,450	25,069	573	11.48	564	11.05	540	3.29	586	7	14	21
	Turkeyfoot Valley Area SD	674,290	19,265	596	11.16	575	10.03	559	5.21	526	26	12	38
	Windber Area SD	2,202,000	27,873	470	15.75	388	14.00	391	5.28	501	39	40	79
SULLIVAN	Sullivan County SD 1/	1,713,224	27,194	510	15.31	417	12.88	467	5.26	511	32	35	67
SUSQUEHANNA	Blue Ridge SD	2,142,608	28,568	422	18.57	123	16.80	137	5.29	498	40	35	75
	Elk Lake SD	2,012,890	27,201	509	12.56	538	11.68	523	5.71	141	53	28	81
	Forest City Regional SD	1,353,008	29,413	350	17.72	188	15.47	246	5.47	351	29	18	47
	Montrose Area SD	3,505,600	30,483	272	17.83	177	16.32	173	5.41	415	72	48	120
	Mountain View SD 1/	1,613,975	23,056	591	14.13	492	12.69	478	5.50	317	46	25	71
	Susquehanna County AVTS	273,720	27,372	503	12.90	535	11.10	537	5.17	529	4	6	10
	Susquehanna Community SD	1,711,800	26,746	528	13.25	529	12.55	488	5.37	446	40	27	67
TIOGA	Northern Tioga SD	4,382,396	29,022	386	18.03	158	16.95	125	5.51	306	94	64	158

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Continued
1989-90

County	Local Education Agency	Salary Outlay	Average Salary	Rank	Average Total Years	Rank	Average Unit Years	Rank	Average Education	Rank	Female	Male	Male & Female
TIOGA	Southern Tioga SD	3,760,415	29,844	318	18.11	153	16.92	129	5.32	480	72	56	128
	Wellsboro Area SD	3,040,184	29,805	321	18.01	160	16.38	169	5.67	166	63	41	104
UNION	Lewisburg Area SD	2,951,956	28,113	459	15.06	435	11.83	517	5.71	140	74	40	114
	Mifflinburg Area SD	3,456,658	28,805	407	16.84	275	15.21	273	5.39	430	63	57	120
	SUN AVTS	600,819	28,610	417	12.43	542	10.43	548	3.69	573	5	16	21
VENANGO	Cranberry Area SD	2,518,190	28,294	439	16.76	288	15.81	213	5.42	402	62	29	91
	Franklin Area SD	4,787,576	29,736	326	18.25	144	16.28	177	5.52	287	101	64	165
	Oil City Area SD	4,547,182	29,720	327	18.57	122	17.62	94	5.66	170	92	64	156
	Titusville Area SD	4,325,315	29,829	320	18.31	137	16.93	127	5.54	269	93	55	148
	Valley Grove SD	1,693,294	28,221	447	15.75	387	14.93	292	5.38	434	40	21	61
	Venango County AVTS	573,606	28,680	413	14.00	501	13.00	462	4.33	555	5	15	20
WARREN	Warren County AVTS	500,771	29,457	347	18.88	101	16.47	164	5.25	514	5	12	17
	Warren County SD	11,893,865	29,009	389	17.85	174	16.62	151	5.54	268	245	169	414
WASHINGTON	Avella Area SD	1,517,225	27,585	490	15.09	432	13.78	409	5.44	374	30	25	55
	Bentworth SD	2,321,800	29,766	324	17.67	195	16.92	128	5.47	343	46	32	78
	Bethlehem-Center SD	2,832,325	29,503	344	17.03	256	16.32	172	5.44	375	64	36	100
	Burgettstown Area SD	2,683,555	30,494	271	20.89	28	19.31	26	5.57	240	54	36	90
	California Area SD	1,982,515	29,154	380	17.78	181	16.37	170	5.44	376	43	25	68
	Canon-McMillan SD	7,382,750	32,239	181	17.57	204	16.19	179	5.44	377	137	93	230
	Charleroi Area SD	2,975,789	30,678	256	19.89	58	18.54	46	5.57	241	60	41	101
	Chartiers-Houston SD 1/	2,318,300	31,328	223	19.20	84	17.72	89	5.61	203	50	26	76
	Fort Cherry SD	2,396,910	29,230	372	17.76	183	16.96	124	5.43	388	47	36	83
	McGuffey SD	4,189,450	28,307	437	16.65	300	14.04	386	5.38	432	90	60	150
	Mon Valley AVTS	427,082	28,472	429	13.93	504	11.93	510	4.18	559	4	11	15
	Peters Township SD	4,892,271	34,211	126	17.02	260	14.51	338	5.78	112	97	52	149
	Ringgold SD	7,604,700	33,208	151	18.94	94	17.82	82	5.57	242	149	85	234
	Trinity Area SD	7,300,425	31,065	245	17.19	242	16.07	190	5.47	344	158	86	244
	Washington SD	4,207,450	32,615	171	19.29	81	17.78	84	5.63	185	82	48	130
	Western AVTS	434,000	27,125	514	10.71	582	8.65	581	3.36	585	6	11	17
WAYNE	Wallenpaupack Area SD	4,549,819	30,535	267	13.92	505	10.70	546	5.67	168	102	51	153
	Wayne Highlands SD	4,998,218	30,109	302	15.35	416	13.87	404	5.34	470	112	58	170
	Western Wayne SD	3,542,085	28,565	423	14.56	477	13.31	442	5.38	440	80	49	129
WESTMORELAND	Belle Vernon Area SD	4,719,538	31,463	215	18.75	110	17.57	96	5.63	189	98	61	159
	Burrell SD	4,131,900	33,321	146	20.01	50	18.51	47	5.41	409	69	59	128
	Central Westmoreland County AVTS	1,066,260	29,618	336	13.27	528	12.08	506	4.37	552	8	29	37
	Derry Area SD	4,629,498	31,493	214	17.46	215	16.19	180	6.08	40	95	57	152
	Eastern Westmoreland County AVTS	508,975	29,939	312	12.35	544	11.47	530	3.93	566	2	15	17
	Franklin Regional SD 1/	6,645,905	34,434	124	17.43	219	15.45	248	5.96	56	115	78	193
	Greater Latrobe SD	6,965,289	33,010	157	19.27	83	17.57	97	5.64	180	136	79	215
	Greensburg Salem SD	5,950,695	32,696	164	18.70	112	17.55	98	5.69	150	126	61	187
	Hempfield Area SD	13,873,493	36,318	84	20.08	48	18.43	55	5.79	108	243	151	394
	Jeannette City SD	2,340,140	29,251	369	16.73	290	15.49	243	5.31	484	50	33	83
	Kiski Area SD	7,206,803	34,648	117	21.17	21	20.00	16	5.56	253	120	95	215
	Ligonier Valley SD	4,114,114	31,167	234	18.63	119	17.20	114	5.42	403	84	52	136
	Monessen City SD 1/	2,021,850	32,092	188	18.94	95	17.92	72	5.43	391	42	21	63
	Mount Pleasant Area SD	3,915,096	31,830	204	20.72	33	17.33	110	5.47	348	74	49	123
	New Kensington-Arnold SD 1/	5,126,175	35,110	102	21.42	19	20.20	15	5.52	288	88	60	148

TABLE 9

CLASSROOM TEACHER AVERAGES AND RANKINGS BY LOCAL EDUCATION AGENCY--Concluded
1989-90

County	Local Education Agency	Salary Outlay	Average Salary		Average Total Years		Average Unit Years		Average Education		Female	Male	Male & Female
				Rank		Rank		Rank		Rank			
WESTMORELAND	Northern Westmoreland County AVTS 1/	376,088	31,340	221	13.20	530	9.13	573	4.77	537	4	11	15
	Norwin SD	9,808,577	35,928	86	21.06	22	19.82	17	5.70	146	157	121	278
	Penn Trafford SD	5,462,705	31,945	195	19.37	78	17.86	80	5.35	455	94	80	174
	Southmoreland SD	4,391,795	33,271	148	18.94	96	17.78	85	5.56	254	75	59	134
	Yough SD	4,373,698	32,159	185	17.91	170	17.06	118	5.44	378	77	61	138
WYOMING	Lackawanna Trail SD	2,164,667	30,064	304	15.82	385	14.84	307	5.32	481	52	21	73
	Tunkhannock Area SD	6,171,248	32,652	168	17.97	164	16.69	144	5.54	274	109	88	197
YORK	Central York SD	5,367,783	31,762	206	18.16	150	16.66	148	6.29	15	108	67	175
	Dallastown Area SD	7,291,643	29,520	343	15.87	379	13.35	440	5.59	229	159	88	247
	Dover Area SD	4,382,950	25,782	564	13.49	520	12.19	503	5.67	161	110	60	170
	Eastern York SD	3,938,100	28,956	393	16.25	344	14.35	357	5.76	118	97	47	144
	Hanover Public SD	3,254,492	31,906	197	18.90	99	16.75	143	5.77	114	64	41	105
	Northeastern York SD	3,821,450	26,354	549	14.83	452	13.86	405	5.63	192	106	44	150
	Northern York County SD	4,283,715	27,816	474	15.56	399	13.55	425	5.59	232	99	59	158
	Red Lion Area SD	6,317,065	29,245	371	15.55	402	14.04	387	5.57	245	148	76	224
	South Eastern SD	3,290,625	26,972	521	13.12	531	11.57	525	5.44	382	79	43	122
	South Western SD	5,394,213	31,001	246	16.49	316	14.80	311	5.67	162	117	59	176
	Southern York County SD	4,715,344	28,067	460	13.83	508	11.68	522	5.35	456	112	58	170
	Spring Grove Area SD 1/	5,119,665	27,232	507	16.14	358	14.13	378	5.56	257	122	88	210
	West York Area SD	4,076,952	31,851	202	18.95	93	18.02	70	5.60	216	78	58	136
	York City SD	12,318,146	32,078	189	14.84	451	14.01	390	5.99	49	259	138	397
	York County AVTS 1/	1,737,062	27,141	511	14.99	441	13.84	406	4.98	534	26	53	79
	York Suburban SD	5,185,564	33,892	132	19.47	68	16.03	192	6.12	34	102	56	158

1/ Based all or in part on 1988-89 salaries.

Note: See Appendix A for explanation of total years, unit years, and level of education.

TABLE 10

AVERAGE SALARIES OF PUBLIC SCHOOL CLASSROOM TEACHERS IN THE UNITED STATES
1988-89

		Average Salary
1.	Alaska	$ 41 832
2.	Connecticut	37 659
3.	District of Columbia	36 787
4.	New York	36 654
5.	Michigan	35 530
6.	California	35 172
7.	Rhode Island	34 234
8.	Maryland	33 900
9.	New Jersey	32 862
10.	Massachusetts	32 200
11.	Delaware	31 585
12.	Minnesota	31 395
13.	Hawaii	31 307
14.	**Pennsylvania**	**31 248**
15.	Illinois	31 195
16.	Wisconsin	31 046
	United States	29 629
17.	Colorado	29 557
18.	Oregon	29 385
19.	Indiana	29 169
20.	Ohio	29 166
21.	Washington	29 146
22.	Virginia	29 056
23.	Nevada	28 836
24.	Arizona	28 499
25.	Wyoming	27 689
26.	Florida	26 971
27.	Georgia	26 920
28.	Vermont	26 819
29.	New Hampshire	26 703
30.	Texas	26 513
31.	Kansas	25 992
32.	Missouri	25 981
33.	Iowa	25 884
24.	North Carolina	25 650
35.	Tennessee	25 619
36.	Alabama	25 190
37.	South Carolina	25 060
38.	Maine	24 938
39.	Kentucky	24 920
40.	New Mexico	24 554
41.	Montana	24 421
42.	Nebraska	23 845
43.	Oklahoma	23 400
44.	Utah	23 023
45.	Idaho	22 732
46.	Mississippi	22 579
47.	Louisiana	22 469
48.	North Dakota	22 249
49.	West Virginia	21 904
50.	Arkansas	21 736
51.	South Dakota	20 525

Note: Includes estimated or preliminary figures for Alabama, California, District of Columbia, Florida, Indiana, Kansas, Kentucky, Massachusetts, Michigan, Minnesota, Nebraska, Oklahoma, Rhode Island, South Carolina, Texas, Utah, Virginia, and Washington.

Source: *Survey & Analysis of Salary Trends, 1989*, Research Department of the American Federation of Teachers

APPENDIX A

GLOSSARY

ADMINISTRATIVE/SUPERVISORY - Personnel who direct and manage or assist with directing and managing the operation of a local education agency or particular school.

CLASSROOM TEACHERS - Personnel who provide instruction to public school students in kindergarten through grade 12 or ungraded classes.

COORDINATE SERVICES - Personnel who provide guidance, information, counseling, and assistance to students, parents, and other staff members or who perform specially designed services not provided by regular or special education instruction.

LEVEL OF EDUCATION - Codes used for the level of education in the Professional Personnel Record are not synonymous with years. Averages used for the level of education are averages of the codes. These codes are: 1, no college; 2, one year of college; 3, two years of college; 4, three years of college; 5, bachelor's degree; 6, master's degree; 7, master's degree plus 30 graduate credits; 8, master's degree plus 60 graduate credits; 9, doctor's degree.

OTHER PROFESSIONAL PERSONNEL - Employees in positions of a professional nature but not identified in Section 1101 of the *Pennsylvania Public School Code of 1949* or requiring certification.

PROFESSIONAL PERSONNEL - Those persons as defined in the *Pennsylvania Public School Code of 1949*, Section 1101 as "professional employees" as well as "other professional personnel."

TOTAL YEARS - The total years of service in education. Includes service in public and nonpublic schools both in and outside Pennsylvania.

UNIT YEARS - The number of years of continuous service with the local education agency.

APPENDIX B

SOURCES

1. Professional Personnel Record (PDE-5018)
2. *Survey & Analysis of Salary Trends, 1989*, Research Department of the American Federation of Teachers
3. *Public and Nonpublic Schools: Enrollments, 1989-90*, Pennsylvania Department of Education, Division of Data Services
4. *Education Statistics Projections to 1993-94*, Pennsylvania Department of Education, Division of Data Services
5. *Our Schools Today*, Volume XX, Number 6, Pennsylvania Department of Education, Division of Education Statistics

APPENDIX C

LOCAL EDUCATION AGENCIES UNABLE TO REPORT 1989-90 SALARIES

Because of reporting difficulties or because salary contracts had not been settled at the time the reports were submitted, the 1988-89 salaries or salaries with mandated increments were reported for all or a portion of the employees in the local education agencies listed below.

Appalachia IU 8
Montgomery County IU 23
Seneca Highlands IU 9

Ambridge SD
Austin Area SD
Big Spring SD
Blairsville-Saltsburg SD
Carlynton SD
Chartiers Houston SD
Clairton City SD
Conemaugh Valley SD
Crestwood SD
Derry Township SD
Fanett Metal SD
Franklin Regional SD
Garnet Valley SD
Hermitage SD
Jim Thorpe SD
Monessen City SD
Moniteau SD
Morrisville Borough SD
Mount Carmel SD
Mountain View SD
New Castle Area SD
New Kensington-Arnold SD
Northern Cambria SD
Oswayo Valley SD
Plum Borough SD
Riverside SD
Saint Clair Area SD
Slippery Rock Area SD
Southern Columbia Area SD
Southern Fulton SD
Spring Grove SD
Sullivan County SD
Union SD
Wilkes Barre Area SD
Wilson Area SD

Bethlehem AVTS
Clarion County AVTS
Franklin County AVTS
Lackawanna County AVTS
Lenape AVTS
North Fayette County AVTS
Northern Westmoreland County AVTS
Somerset County AVTS
York County AVTS

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Public and Nonpublic Schools

High School Graduates
1989

DDS
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Pennsylvania Department of Education 1990

Public and Nonpublic Schools

High School Graduates
1989

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STATISTICAL HIGHLIGHTS

	NUMBER OF GRADUATES	COLLEGE-BOUND	
		NUMBER	PERCENT
1988			
TOTAL	145,929	85,031	58.3%
PUBLIC SCHOOL	124,335	68,360	55.0%
NONPUBLIC SCHOOL	21,594	16,671	77.2%
1989			
TOTAL	139,232	84,628	60.8%
PUBLIC SCHOOL	118,921	68,769	57.8%
NONPUBLIC SCHOOL	20,311	15,859	78.1%

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OVERVIEW

The number of high school graduates decreased from 145,929 in 1988 to 139,232 in 1989, a decline of 4.6 percent. After last year's reprieve, we are once again observing a decline of graduates in both the public and nonpublic sectors. In 1989, the number of public high school graduates decreased by 4.4 percent from 1988, while the nonpublic high school graduates decreased by 5.9 percent.

Information on the post-high school activity of graduates was obtained from the local education agencies and nonpublic schools. It showed that while the number of high school graduates decreased over the past decade, the number who were college-bound increased steadily. In 1989, 57.8 percent of the 118,921 public high school graduates were college-bound compared to 41.6 percent of the 146,458 graduates in 1980. In the nonpublic sector, 78.1 percent of the 20,311 graduates for 1989 were college-bound compared to 62.5 percent of the 24,188 graduates in 1980.

For the 1989 public high school graduates, 82.7 percent of the Asian/Pacific Islanders were college-bound, followed by 58.1 percent, White (non-Hispanic); 56.8 percent, American Indian/Alaskan Native; 52.1 percent, Black (non-Hispanic); and 46.1 percent, Hispanic. In the nonpublic sector, 93.0 percent of the Asian/Pacific Islanders were college-bound, followed by 78.1 percent White (non-Hispanic); 76.5 percent Black (non-Hispanic); 67.0 percent, Hispanic; and 58.8 percent, American Indian/Alaskan Native.

In 1989, the percentage of male public high school graduates outnumbered the females by 0.4 percent. However, the percentage of graduates who were college-bound indicated there were 6.2 percent more females than males. On the other hand, the percentage of female nonpublic high school graduates outnumbered the males in both the total graduates by 0.6 percent and those college-bound by 1.6 percent.

Pennsylvania, along with Ohio, each accounted for 5.0 percent of the total graduates for the United States in 1986-87 and 1987-88, the latest available information. This ranked them in fourth place behind California, Texas, and New York for total graduates. Illinois and Michigan ranked immediately below Pennsylvania and Ohio for these same years.

TABLE 1

PUBLIC AND NONPUBLIC HIGH SCHOOL GRADUATES BY SEX AND COUNTY
1989

	TOTAL			PUBLIC			NONPUBLIC		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	139 232	69 753	69 479	118 921	59 666	59 255	20 311	10 087	10 224
ADAMS	915	474	441	749	399	350	166	75	91
ALLEGHENY	14 970	7 431	7 539	13 204	6 576	6 628	1 766	855	911
ARMSTRONG	1 084	544	540	1 071	540	531	13	4	9
BEAVER	2 538	1 330	1 208	2 446	1 282	1 164	92	48	44
BEDFORD	699	358	341	697	358	339	2	0	2
BERKS	3 754	1 847	1 907	3 364	1 675	1 689	390	172	218
BLAIR	1 874	950	924	1 728	889	839	146	61	85
BRADFORD	927	468	459	927	468	459	0	0	0
BUCKS	6 912	3 682	3 230	5 677	2 921	2 756	1 235	761	474
BUTLER	1 891	950	941	1 885	945	940	6	5	1
CAMBRIA	2 263	1 150	1 113	2 063	1 046	1 017	200	104	96
CAMERON	100	41	59	100	41	59	0	0	0
CARBON	584	279	305	584	279	305	0	0	0
CENTRE	1 139	574	565	1 132	571	561	7	3	4
CHESTER	4 412	2 300	2 112	3 809	1 975	1 834	603	325	278
CLARION	700	344	356	696	341	355	4	3	1
CLEARFIELD	1 263	637	626	1 214	617	597	49	20	29
CLINTON	418	224	194	418	224	194	0	0	0
COLUMBIA	963	479	484	947	473	474	16	6	10
CRAWFORD	960	503	457	945	495	450	15	8	7
CUMBERLAND	2 787	1 386	1 401	2 593	1 305	1 288	194	81	113
DAUPHIN	2 719	1 321	1 398	2 392	1 164	1 228	327	157	170
DELAWARE	6 354	3 178	3 176	4 335	2 206	2 129	2 019	972	1 047
ELK	525	256	269	437	214	223	88	42	46
ERIE	3 745	1 890	1 855	3 171	1 582	1 589	574	308	266
FAYETTE	1 742	889	853	1 649	839	810	93	50	43
FOREST	137	95	42	71	30	41	66	65	1
FRANKLIN	1 659	864	795	1 465	753	712	194	111	83
FULTON	201	98	103	201	98	103	0	0	0
GREENE	540	272	268	536	268	268	4	4	0
HUNTINGDON	539	274	265	533	270	263	6	4	2
INDIANA	1 182	617	565	1 097	541	556	85	76	9
JEFFERSON	630	335	295	630	335	295	0	0	0
JUNIATA	283	151	132	283	151	132	0	0	0
LACKAWANNA	2 540	1 217	1 323	2 061	984	1 077	479	233	246
LANCASTER	4 540	2 262	2 278	3 945	2 002	1 943	595	260	335
LAWRENCE	1 255	644	611	1 224	644	580	31	0	31
LEBANON	1 357	698	659	1 268	648	620	89	50	39
LEHIGH	3 135	1 579	1 556	2 852	1 444	1 408	283	135	148
LUZERNE	3 899	1 934	1 965	3 300	1 647	1 653	599	287	312
LYCOMING	1 460	757	703	1 407	727	680	53	30	23
MC KEAN	686	346	340	657	334	323	29	12	17
MERCER	1 587	801	786	1 487	751	736	100	50	50
MIFFLIN	431	233	198	411	220	191	20	13	7
MONROE	1 045	491	554	994	470	524	51	21	30
MONTGOMERY	8 708	4 311	4 397	5 912	2 951	2 961	2 796	1 360	1 436
MONTOUR	161	92	69	152	92	60	9	0	9
NORTHAMPTON	2 799	1 428	1 371	2 424	1 237	1 187	375	191	184
NORTHUMBERLAND	1 296	622	674	1 172	567	605	124	55	69
PERRY	543	277	266	511	246	265	32	31	1
PHILADELPHIA	13 510	6 379	7 131	8 062	3 762	4 300	5 448	2 617	2 831
PIKE	137	66	71	137	66	71	0	0	0
POTTER	267	147	120	266	147	119	1	0	1
SCHUYLKILL	1 800	926	874	1 580	817	763	220	109	111
SNYDER	418	207	211	400	202	198	18	5	13
SOMERSET	1 060	537	523	1 035	527	508	25	10	15
SULLIVAN	88	49	39	87	49	38	1	0	1
SUSQUEHANNA	588	295	293	588	295	293	0	0	0
TIOGA	490	232	258	486	231	255	4	1	3
UNION	294	150	144	286	148	138	8	2	6
VENANGO	878	444	434	838	420	418	40	24	16
WARREN	594	333	261	588	330	258	6	3	3
WASHINGTON	2 626	1 354	1 272	2 586	1 323	1 263	40	31	9
WAYNE	504	235	269	489	229	260	15	6	9
WESTMORELAND	4 878	2 427	2 451	4 644	2 305	2 339	234	122	112
WYOMING	386	198	188	386	198	188	0	0	0
YORK	3 863	1 891	1 972	3 637	1 782	1 855	226	109	117

FIGURE 1

PERCENT OF CHANGE OF PUBLIC AND NONPUBLIC HIGH SCHOOL GRADUATES COMPARED TO SECONDARY ENROLLMENTS 1980 THROUGH 1989

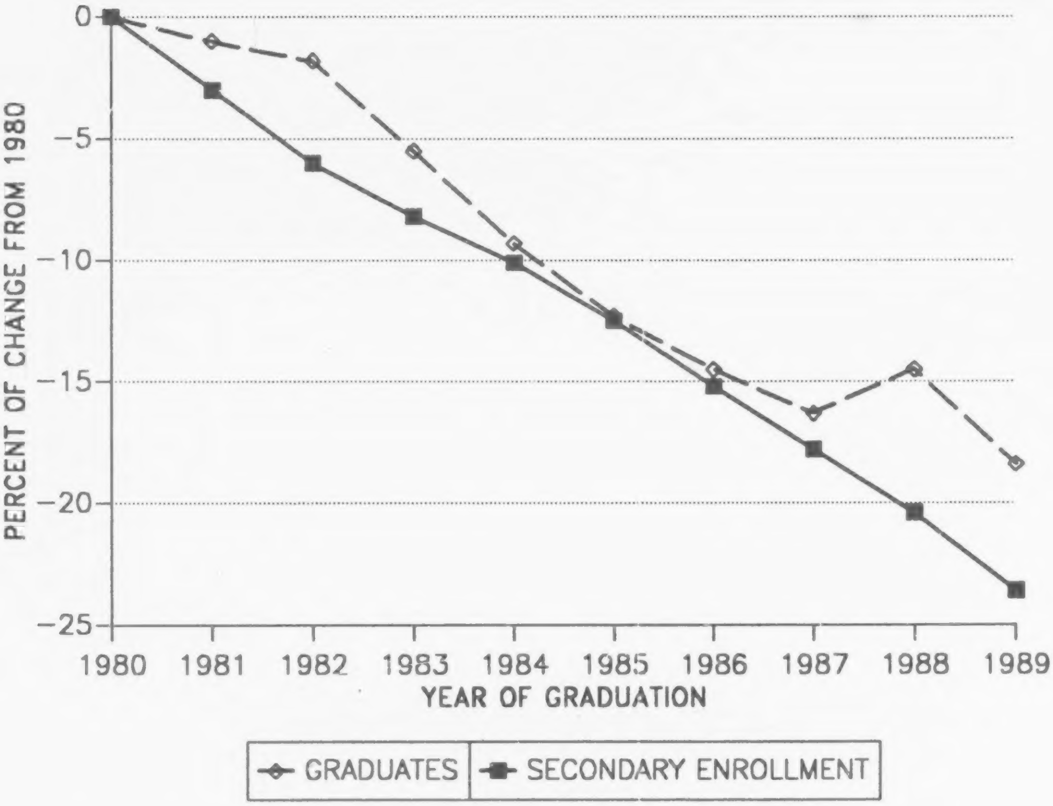
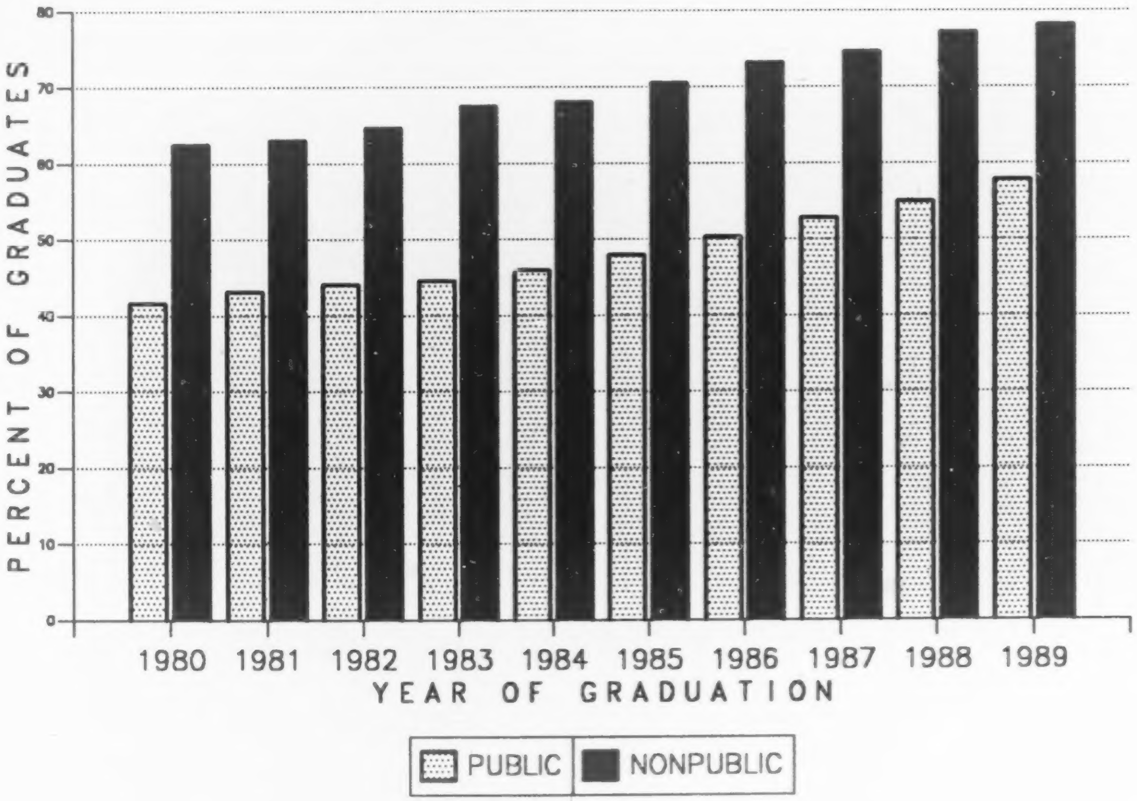


FIGURE 2

PERCENT OF PUBLIC AND NONPUBLIC HIGH SCHOOL
GRADUATES COLLEGE-BOUND
1980 THROUGH 1989



Public

High School

Graduates

TABLE 2

PUBLIC HIGH SCHOOL GRADUATES BY COUNTY
1980 THROUGH 1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	146 458	144 518	143 356	138 494	132 412	127 226	123 871	121 219	124 335	118 921
ADAMS	817	872	842	840	807	818	791	798	843	749
ALLEGHENY	18 954	18 367	17 874	16 962	16 098	15 637	14 430	13 806	14 100	13 204
ARMSTRONG	1 336	1 296	1 280	1 158	1 133	1 171	1 252	1 098	1 012	1 071
BEAVER	3 091	3 092	2 913	2 858	2 597	2 502	2 383	2 305	2 408	2 446
BEDFORD	763	760	763	746	708	675	663	718	714	697
BERKS	4 049	4 093	4 220	4 823	3 827	3 608	3 422	3 458	3 616	3 364
BLAIR	2 091	2 174	1 894	1 833	1 813	1 547	1 590	1 626	1 639	1 728
BRADFORD	1 123	1 041	1 101	1 006	977	852	947	906	910	927
BUCKS	6 759	6 325	6 749	6 230	6 137	5 747	5 686	5 460	5 821	5 677
BUTLER	2 121	2 153	2 157	2 094	2 020	1 940	1 858	1 842	1 769	1 885
CAMBRIA	2 485	2 464	2 478	2 484	2 351	2 209	1 993	2 098	2 113	2 063
CAMERON	111	112	102	107	98	98	86	82	85	100
CARBON	693	677	679	649	660	611	636	626	669	584
CENTRE	1 237	1 204	1 280	1 194	1 097	1 115	1 088	1 170	1 047	1 132
CHESTER	4 279	4 305	4 216	4 067	4 005	3 784	3 898	3 937	4 047	3 809
CLARION	754	728	734	731	679	678	680	639	695	696
CLEARFIELD	1 338	1 366	1 394	1 324	1 365	1 273	1 199	1 277	1 259	1 214
CLINTON	499	518	549	489	444	455	439	453	455	418
COLUMBIA	996	988	962	945	959	952	875	886	950	947
CRAWFORD	1 078	928	1 060	1 043	1 005	975	916	921	1 016	945
CUMBERLAND	2 964	2 838	3 071	2 807	2 610	2 488	2 413	2 441	2 740	2 593
DAUPHIN	2 815	3 008	2 671	2 533	2 432	2 294	2 234	2 237	2 342	2 392
DELAWARE	6 533	6 439	6 140	5 809	5 371	4 897	4 732	4 719	4 672	4 335
ELK	529	586	532	477	496	528	494	487	445	437
ERIE	3 554	3 588	3 531	3 416	3 222	3 234	3 156	2 917	3 066	3 171
FAYETTE	2 105	1 946	2 088	1 949	1 874	1 936	1 801	1 798	1 815	1 649
FOREST	95	83	97	90	78	85	77	64	73	71
FRANKLIN	1 473	1 577	1 576	1 482	1 329	1 466	1 422	1 372	1 385	1 465
FULTON	219	186	214	183	194	185	179	179	180	201
GREENE	551	544	552	555	555	509	556	575	526	536
HUNTINGDON	587	614	595	548	562	545	522	558	587	533
INDIANA	1 156	1 126	1 142	1 132	1 118	1 136	1 073	1 137	1 032	1 097
JEFFERSON	748	772	710	726	673	640	648	626	710	630
JUNIATA	271	276	279	252	280	260	257	219	276	283
LACKAWANNA	2 744	2 555	2 481	2 424	2 403	2 153	2 190	2 258	2 221	2 061
LANCASTER	4 084	4 235	4 051	3 835	3 739	3 714	3 696	3 689	3 857	3 945
LAWRENCE	1 520	1 478	1 450	1 369	1 320	1 326	1 272	1 223	1 329	1 224
LEBANON	1 535	1 519	1 514	1 468	1 323	1 276	1 272	1 249	1 239	1 268
LEHIGH	3 300	3 414	3 409	3 217	3 083	3 049	3 790	2 739	2 852	2 852
LUZERNE	4 027	4 083	3 867	3 963	3 761	3 508	3 563	3 581	3 541	3 300
LYCOMING	1 623	1 646	1 627	1 587	1 486	1 442	1 388	1 375	1 408	1 407
MC KEAN	740	703	758	722	693	691	665	658	667	657
MERCER	1 805	1 813	1 785	1 798	1 425	1 595	1 477	1 454	1 478	1 487
MIFFLIN	562	559	613	604	579	541	559	583	538	411
MONROE	832	802	857	889	910	818	861	888	953	994
MONTGOMERY	7 994	7 888	7 705	7 299	6 750	6 585	6 382	6 141	6 364	5 912
MONTOUR	201	236	215	210	182	184	170	194	188	152
NORTHAMPTON	2 949	2 975	3 009	2 973	2 853	2 780	2 630	2 441	2 749	2 424
NORTHUMBERLAND	1 268	1 332	1 361	1 339	1 287	1 203	1 109	1 149	1 147	1 172
PERRY	446	472	520	519	503	504	493	494	547	511
PHILADELPHIA	11 467	10 752	10 724	10 554	10 493	9 670	9 539	9 318	9 605	8 062
PIKE	152	121	152	144	120	125	127	127	147	137
POTTER	287	273	302	257	264	321	255	297	276	266
SCHUYLKILL	1 818	1 826	1 792	1 742	1 611	1 568	1 599	1 582	1 564	1 580
SNYDER	432	437	428	462	431	415	405	410	438	400
SOMERSET	1 200	1 164	1 142	1 100	1 103	972	981	1 034	1 038	1 035
SULLIVAN	110	109	95	94	109	92	87	83	72	87
SUSQUEHANNA	647	594	645	625	598	606	587	580	610	588
TIOGA	656	689	605	589	558	586	549	535	538	486
UNION	344	319	353	332	644	646	311	308	314	286
VENANGO	1 006	986	991	935	946	914	878	856	842	838
WARREN	728	715	665	650	719	615	589	569	610	588
WASHINGTON	2 952	2 919	3 029	2 920	2 854	2 571	2 673	2 540	2 734	2 586
WAYNE	544	551	507	493	569	509	472	517	550	489
WESTMORELAND	5 854	5 893	6 013	5 856	5 504	5 420	4 944	4 918	4 855	4 644
WYOMING	378	358	364	340	385	317	405	347	412	386
YORK	4 079	4 056	3 882	3 643	3 633	3 660	3 557	3 647	3 635	3 637

TABLE 3

PUBLIC HIGH SCHOOL GRADUATES BY RACE AND COUNTY
1989

	TOTAL	AMERICAN INDIAN/ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
TOTAL	118 921	74	1 660	10 433	1 231	105 523
ADAMS	749	0	2	8	4	735
ALLEGHENY	13 204	1	123	1 883	19	11 178
ARMSTRONG	1 071	1	2	8	1	1 059
BEAVER	2 446	1	6	176	3	2 260
BEDFORD	697	0	2	4	0	691
BERKS	3 364	1	41	114	101	3 107
BLAIR	1 728	0	11	19	3	1 695
BRADFORD	927	0	3	0	4	920
BUCKS	5 677	14	110	195	79	5 279
BUTLER	1 885	1	7	6	0	1 871
CAMBRIA	2 063	0	8	46	7	2 002
CAMERON	100	0	0	0	0	100
CARBON	584	0	5	1	6	572
CENTRE	1 132	0	5	12	2	1 113
CHESTER	3 809	1	49	296	49	3 414
CLARION	696	0	2	0	2	692
CLEARFIELD	1 214	0	7	3	2	1 202
CLINTON	418	0	6	1	0	411
COLUMBIA	947	2	2	3	4	936
CRAWFORD	945	0	5	17	1	922
CUMBERLAND	2 593	1	49	27	10	2 506
DAUPHIN	2 392	3	47	465	35	1 842
DELAWARE	4 335	4	113	548	17	3 653
ELK	437	1	1	1	0	434
ERIE	3 171	1	13	164	29	2 964
FAYETTE	1 649	0	2	114	11	1 522
FOREST	71	0	0	0	0	71
FRANKLIN	1 465	4	11	71	4	1 375
FULTON	201	0	0	0	0	201
GREENE	536	0	2	3	2	529
HUNTINGDON	533	0	0	14	0	519
INDIANA	1 097	1	6	11	0	1 079
JEFFERSON	630	0	1	0	0	629
JUNIATA	283	0	0	0	0	283
LACKAWANNA	2 061	0	21	11	4	2 025
LANCASTER	3 945	9	75	101	108	3 652
LAWRENCE	1 224	0	6	40	0	1 178
LEBANON	1 268	0	11	17	31	1 209
LEHIGH	2 852	1	40	64	109	2 638
LUZERNE	3 300	1	7	23	3	3 266
LYCOMING	1 407	0	5	11	3	1 388
MC KEAN	657	1	2	2	0	652
MERCER	1 487	0	9	92	5	1 381
MIFFLIN	411	0	3	0	0	408
MONROE	994	0	14	15	11	954
MONTGOMERY	5 912	6	212	450	54	5 190
MONTOUR	152	0	3	0	0	149
NORTHAMPTON	2 424	3	41	71	106	2 203
NORTHUMBERLAND	1 172	0	1	2	6	1 163
PERRY	511	0	1	0	5	505
PHILADELPHIA	8 062	9	480	4 948	352	2 273
PIKE	137	0	2	0	4	131
POTTER	266	0	3	1	1	261
SCHUYLKILL	1 580	0	5	4	1	1 570
SNYDER	400	0	1	0	0	399
SOMERSET	1 035	0	3	0	1	1 031
SULLIVAN	87	0	0	0	0	87
SUSQUEHANNA	588	0	1	1	0	586
TIOGA	486	0	2	2	0	482
UNION	286	0	1	2	1	282
VENANGO	838	0	4	6	3	825
WARREN	588	2	1	1	0	584
WASHINGTON	2 586	0	7	109	7	2 463
WAYNE	489	0	0	2	1	486
WESTMORELAND	4 644	4	25	102	0	4 513
WYOMING	386	0	0	0	1	385
YORK	3 637	1	33	146	19	3 438

TABLE 4

PUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART A)
1989

	TOTAL GRADUATES	TOTAL COLLEGE-BOUND	PENNSYLVANIA					OUTSIDE PENNSYLVANIA	
			COMMUNITY COLLEGE	PRIVATE 2-YEAR COLLEGE	PUBLIC 4-YEAR COLLEGE OR UNIVERSITY	PRIVATE 4-YEAR COLLEGE OR UNIVERSITY	OTHER POST-SEC. (AST or ASB DEGREE)	2-YEAR COLLEGE	4-YEAR COLLEGE OR UNIVERSITY
TOTAL	118 921	68 769	11 098	1 624	27 026	11 764	4 528	1 068	11 661
ADAMS	749	349	22	12	157	54	39	8	57
ALLEGHENY	13 204	9 056	1 722	39	3 536	1 471	413	78	1 797
ARMSTRONG	1 071	517	65	1	281	75	64	1	30
BEAVER	2 446	1 480	304	5	548	291	112	12	208
BEDFORD	697	289	10	9	106	44	25	63	32
BERKS	3 364	1 769	122	51	760	411	161	8	256
BLAIR	1 728	849	38	98	496	90	63	9	55
BRADFORD	927	392	33	15	159	76	37	35	37
BUCKS	5 677	3 834	1 247	50	1 140	513	66	28	790
BUTLER	1 885	1 166	351	3	447	196	43	1	125
CAMBRIA	2 063	1 019	33	47	597	95	138	20	89
CAMERON	100	51	8	2	14	13	9	2	3
CARBON	584	286	64	17	89	66	30	2	18
CENTRE	1 132	627	25	3	429	15	37	6	112
CHESTER	3 809	2 636	200	58	959	453	63	75	828
CLARION	696	325	25	10	204	29	30	2	25
CLEARFIELD	1 214	569	25	26	352	46	97	2	21
CLINTON	418	229	37	2	120	19	38	3	10
COLUMBIA	947	446	84	15	204	88	11	4	40
CRAWFORD	945	492	16	9	274	91	37	8	57
CUMBERLAND	2 593	1 588	405	38	507	226	51	38	323
DAUPHIN	2 392	1 470	521	40	385	195	60	11	258
DELAWARE	4 335	2 785	614	41	814	459	152	26	679
ELK	437	226	12	8	131	29	29	0	17
ERIE	3 171	1 684	33	89	705	327	190	39	301
FAYETTE	1 649	675	46	2	382	75	47	4	119
FOREST	71	30	5	0	19	0	6	0	0
FRANKLIN	1 465	607	10	26	258	81	39	102	91
FULTON	201	81	13	0	34	4	2	25	3
GREENE	536	214	0	0	83	71	5	1	54
HUNTINGDON	533	204	14	8	78	34	47	4	19
INDIANA	1 097	608	42	3	398	48	55	0	62
JEFFERSON	630	314	14	3	160	48	60	2	27
JUNIATA	283	112	18	4	55	20	11	1	3
LACKAWANNA	2 061	1 309	77	175	431	418	95	8	105
LANCASTER	3 945	1 960	76	64	790	388	169	27	446
LAWRENCE	1 224	644	34	4	235	153	49	3	166
LEBANON	1 268	555	98	11	210	117	39	10	70
LEHIGH	2 852	1 775	395	41	625	303	102	12	297
LUZERNE	3 300	2 009	654	23	605	508	92	2	125
LYCOMING	1 407	766	179	40	291	143	15	11	87
MCKEAN	657	333	15	8	201	19	27	27	36
MERCER	1 487	890	34	25	391	172	104	28	136
MIFFLIN	411	141	27	1	69	27	6	2	9
MONROE	994	576	42	32	283	93	15	20	91
MONTGOMERY	5 912	4 153	654	90	1 337	738	103	17	1 214
MONTOUR	152	106	13	3	52	15	0	0	23
NORTHAMPTON	2 424	1 555	414	12	496	285	103	17	228
NORTHUMBERLAND	1 172	558	102	10	224	113	67	3	39
PERRY	511	222	101	1	56	28	26	2	8
PHILADELPHIA	8 062	4 561	968	141	1 743	792	228	0	689
PIKE	137	85	1	3	33	12	7	10	19
POTTER	266	107	11	8	52	10	8	5	13
SCHUYLKILL	1 580	802	94	12	345	146	150	10	45
SNYDER	400	199	31	17	83	40	9	1	18
SOMERSET	1 035	509	42	7	226	61	78	38	57
SULLIVAN	87	40	0	0	18	4	16	1	1
SUSQUEHANNA	588	317	18	34	112	38	19	60	36
TIOGA	486	245	43	5	128	28	3	22	16
UNION	286	154	23	1	39	38	10	0	43
VENANGO	838	462	24	0	247	80	48	7	56
WARREN	588	316	15	9	148	63	26	24	31
WASHINGTON	2 586	1 355	104	20	574	258	127	26	246
WAYNE	489	242	12	11	128	32	32	2	25
WESTMORELAND	4 644	2 951	508	29	1 243	494	270	3	399
WYOMING	386	200	21	22	67	52	7	5	26
YORK	3 637	1 693	90	31	663	343	211	40	315

TABLE 4

PUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART B)
1989

	TOTAL OTHER ACTIVITY	OTHER POST-SECONDARY (Nondegree)	FARM WORKER	HOMEMAKER	MILITARY	WHITE COLLAR	BLUE COLLAR	SERVICE WORKER	UNEMPLOYED	UNKNOWN
TOTAL	50 152	6 718	577	1 298	6 731	5 343	10 117	6 703	4 914	7 751
ADAMS	400	50	10	6	44	39	109	31	16	95
ALLEGHENY	4 148	813	3	77	636	341	412	508	328	1 030
ARMSTRONG	554	104	11	24	69	11	69	89	117	60
BEAVER	966	249	8	18	163	25	101	155	107	140
BEDFORD	408	58	17	16	56	26	101	64	32	38
BERKS	1 595	220	12	20	190	246	339	181	201	186
BLAIR	879	95	13	52	138	39	124	131	82	205
BRADFORD	535	65	18	21	94	8	142	91	27	69
BUCKS	1 843	341	12	34	133	323	344	267	72	317
BUTLER	719	170	6	22	90	24	60	94	123	130
CAMBRIA	1 044	180	18	48	136	68	182	138	119	155
CAMERON	49	6	0	0	16	2	24	0	1	0
CARBON	298	30	3	6	31	27	69	61	20	51
CENTRE	505	81	15	12	55	38	84	105	38	77
CHESTER	1 173	156	12	12	96	216	319	157	90	115
CLARION	371	20	8	23	60	19	54	84	81	22
CLEARFIELD	645	40	11	27	86	52	136	62	82	149
CLINTON	189	15	1	4	44	20	28	26	16	35
COLUMBIA	501	27	6	12	79	64	109	65	33	106
CRAWFORD	453	56	22	17	82	23	93	84	34	42
CUMBERLAND	1 005	71	27	34	121	145	214	139	100	154
DAUPHIN	922	82	2	13	162	151	230	110	20	152
DELAWARE	1 550	193	2	30	111	236	222	225	178	353
ELK	211	11	2	11	32	32	68	10	20	25
ERIE	1 487	99	27	39	256	76	285	258	145	302
FAYETTE	974	133	5	47	103	33	120	128	182	223
FOREST	41	6	0	7	11	0	8	2	0	7
FRANKLIN	858	77	25	14	103	116	247	123	62	91
FULTON	120	10	10	10	14	7	33	26	8	2
GREENE	322	47	2	11	40	4	44	53	36	85
HUNTINGDON	329	15	10	16	43	6	128	26	48	37
INDIANA	489	58	8	25	69	30	87	59	74	79
JEFFERSON	316	26	2	18	41	26	83	42	50	28
JUNIATA	171	5	9	2	18	17	66	37	10	7
LACKAWANNA	752	87	0	18	65	95	186	154	66	81
LANCASTER	1 985	255	36	25	169	216	496	258	230	300
LAWRENCE	580	87	2	11	72	46	111	80	75	96
LEBANON	713	97	7	12	75	104	187	113	50	68
LEHIGH	1 077	86	8	4	141	209	243	90	139	157
LUZERNE	1 291	121	11	32	158	145	308	196	154	166
LYCOMING	641	85	11	16	95	36	49	137	39	173
McKEAN	324	25	2	18	59	30	76	37	33	44
MERCER	597	68	3	14	92	29	117	105	55	114
MIFFLIN	270	35	2	5	50	22	22	37	61	36
MONROE	418	32	0	14	56	74	128	41	8	65
MONTGOMERY	1 759	242	3	32	160	281	381	301	179	180
MONTOUR	46	4	1	1	11	10	6	10	0	3
NORTHAMPTON	869	98	4	14	151	123	202	135	35	107
NORTHUMBERLAND	614	72	10	28	100	89	143	66	68	38
PERRY	289	16	5	13	43	70	74	38	18	12
PHILADELPHIA	3 501	529	10	57	633	648	715	87	296	526
PIKE	52	3	0	0	6	13	14	13	2	1
POTTER	159	12	10	4	33	12	31	29	14	14
SCHUYLKILL	778	115	12	28	113	63	209	77	85	76
SNYDER	201	15	5	9	18	29	87	17	3	18
SOMERSET	526	81	11	17	78	26	131	77	38	67
SULLIVAN	47	4	3	2	11	0	13	12	0	2
SUSQUEHANNA	271	39	11	18	44	14	54	64	6	21
TIOGA	241	20	11	17	49	12	41	31	38	22
UNION	132	5	1	0	21	9	50	19	9	18
VENANGO	376	29	3	2	90	17	38	36	108	53
WARREN	272	29	0	11	50	11	90	40	20	21
WASHINGTON	1 231	230	19	59	146	42	180	170	150	235
WAYNE	247	42	2	4	29	25	44	45	33	23
WESTMORELAND	1 693	310	24	47	245	106	267	238	250	206
WYOMING	186	47	0	3	31	11	31	8	36	19
YORK	1 944	189	13	35	215	236	659	311	64	222

TABLE 5

PUBLIC HIGH SCHOOL GRADUATES BY RACE, SEX, AND POST-HIGH SCHOOL ACTIVITY
1989

	TOTAL			AMERICAN INDIAN/ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL GRADUATES	118 921	59 666	59 255	43	31	828	832	4 946	5 487	559	672	53 290	52 233
TOTAL COLLEGE-BOUND	68 769	32 256	36 513	22	20	681	691	2 252	3 179	247	320	29 054	32 303
PENNSYLVANIA	56 040	25 971	30 069	17	15	527	544	1 687	2 511	183	266	23 557	26 733
Community College	11 098	5 156	5 942	8	3	95	98	444	661	56	93	4 553	5 087
Private 2-yr. College	1 624	571	1 053	1	1	5	7	42	101	3	17	520	927
Public 4-yr. College or University	27 026	12 911	14 115	3	7	252	247	752	1 154	77	95	11 827	12 612
Private 4-yr. College or University	11 764	5 540	6 224	4	2	161	179	346	406	25	36	5 004	5 601
Other Postsecondary School (AST or ASB Degree)	4 528	1 793	2 735	1	2	14	13	103	189	22	25	1 653	2 506
OUTSIDE PENNSYLVANIA	12 729	6 285	6 444	5	5	154	147	565	668	64	54	5 497	5 570
2-yr. College	1 068	443	625	0	0	2	3	41	24	4	5	396	593
4-yr. College or Univeristy	11 661	5 842	5 819	5	5	152	144	524	644	60	49	5 101	4 977
TOTAL OTHER ACTIVITY	50 152	27 410	22 742	21	11	147	141	2 694	2 308	312	352	24 236	19 930
Other Postsecondary School (Non-Degree)	6 718	2 675	4 043	1	0	29	35	317	351	17	48	2 311	3 609
Farm Worker	577	520	57	0	0	1	0	4	6	2	0	513	51
Homemaker	1 298	4	1 294	0	1	0	2	1	132	0	15	3	1 144
Military	6 731	5 611	1 120	5	0	20	3	778	292	54	32	4 754	793
White Collar Worker	5 343	1 567	3 776	1	3	3	13	211	456	22	72	1 330	3 232
Blue Collar Worker	10 117	7 966	2 151	5	0	24	13	432	197	74	24	7 431	1 917
Service Worker	6 703	2 512	4 191	1	5	8	16	148	210	25	39	2 330	3 921
Unemployed	4 914	2 492	2 422	2	0	16	11	281	189	46	53	2 147	2 169
Unknown	7 751	4 063	3 688	6	2	46	48	522	475	72	69	3 417	3 094

Nonpublic High School Graduates

TABLE 6

NONPUBLIC HIGH SCHOOL GRADUATES BY COUNTY
1980 THROUGH 1989

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
TOTAL	24 188	24 557	24 185	22 835	22 332	22 440	22 134	21 592	21 594	20 311
ADAMS	159	148	186	158	173	142	168	160	160	166
ALLEGHENY	2 588	2 461	2 296	2 298	2 327	2 284	2 194	1 954	1 909	1 766
ARMSTRONG	0	0	5	5	0	0	0	12	2	13
BEAVER	146	152	144	154	149	124	127	130	89	92
BEDFORD	0	0	16	5	13	8	7	6	5	2
BERKS	449	497	431	406	391	407	372	425	431	390
BLAIR	223	211	175	171	181	152	161	129	149	146
BRADFORD	0	0	0	2	0	0	0	0	2	0
BUCKS	1 358	1 444	1 157	1 153	1 414	1 418	1 478	1 279	1 354	1 235
BUTLER	0	17	9	7	7	10	7	15	10	6
CAMBRIA	292	301	255	283	252	283	230	239	277	200
CAMERON	0	0	0	0	0	0	0	0	0	0
CARBON	0	0	0	0	0	0	0	0	2	0
CENTRE	0	8	15	8	15	14	11	11	15	7
CHESTER	560	598	580	597	601	585	622	690	651	603
CLARION	0	0	0	0	0	0	0	4	10	4
CLEARFIELD	89	82	97	87	64	47	58	44	51	49
CLINTON	0	0	0	2	0	0	0	0	0	0
COLUMBIA	0	0	17	8	0	0	0	8	16	16
CRAWFORD	0	0	0	0	13	0	0	0	2	15
CUMBERLAND	126	112	175	165	159	214	172	231	219	194
DAUPHIN	336	360	339	323	309	321	294	323	331	327
DELAWARE	2 711	2 745	2 708	2 532	2 685	2 599	2 378	2 321	2 258	2 019
ELK	167	159	133	133	133	111	97	80	68	88
ERIE	603	597	647	612	616	640	654	590	599	574
FAYETTE	86	105	112	91	107	65	100	81	117	93
FOREST	53	42	48	44	20	23	56	39	55	66
FRANKLIN	147	158	192	171	177	167	168	170	185	194
FULTON	0	0	0	0	0	0	0	13	0	0
GREENE	3	3	4	0	0	0	0	7	5	4
HUNTINGDON	0	0	33	41	36	26	24	0	50	6
INDIANA	76	79	69	67	76	70	80	66	86	85
JEFFERSON	0	0	0	0	10	0	0	0	0	0
JUNIATA	0	0	0	0	0	0	0	3	1	0
LACKAWANNA	560	556	547	516	487	493	509	500	465	479
LANCASTER	481	474	488	483	458	494	476	485	553	595
LAWRENCE	42	31	44	33	38	32	22	53	33	31
LEBANON	88	80	113	117	66	127	78	112	104	89
LEHIGH	276	219	269	248	249	209	244	229	258	283
LUZERNE	849	779	765	721	686	654	673	681	586	599
LYCOMING	56	59	46	44	39	43	55	50	38	53
MC KEAN	39	46	30	43	27	31	24	33	30	29
MERCER	130	128	154	142	122	114	113	98	108	100
MIFFLIN	14	18	19	17	21	13	9	7	11	20
MONROE	79	105	89	88	72	75	56	71	78	51
MONTGOMERY	2 543	2 895	2 791	2 770	2 754	2 760	2 710	2 795	2 941	2 796
MONTOUR	27	16	12	11	11	12	20	14	8	9
NORTHAMPTON	391	432	419	426	442	403	408	406	385	375
NORTHUMBERLAND	190	166	160	153	160	147	124	116	121	124
PERRY	29	24	24	23	26	27	42	38	39	32
PHILADELPHIA	7 125	7 134	7 281	6 443	5 759	6 122	6 162	5 836	5 713	5 448
PIKE	0	0	0	0	0	0	0	0	0	0
POTTER	0	0	0	0	0	0	0	0	0	1
SCHUYLKILL	336	362	325	316	275	295	279	262	239	220
SNYDER	15	13	15	13	11	9	9	9	1	18
SOMERSET	17	16	19	22	13	26	28	22	19	25
SULLIVAN	0	0	0	5	0	0	0	6	3	1
SUSQUEHANNA	0	0	0	0	0	0	0	0	0	0
TIOGA	0	0	0	0	0	0	3	4	7	4
UNION	0	0	0	2	9	0	4	4	10	8
VENANGO	71	68	47	49	7	67	56	44	40	40
WARREN	0	0	0	0	0	0	3	7	6	6
WASHINGTON	144	150	162	144	168	138	167	150	139	40
WAYNE	3	0	0	5	8	4	10	7	17	15
WESTMORELAND	290	275	285	248	247	253	256	232	270	234
WYOMING	0	0	0	0	0	0	0	2	2	0
YORK	221	232	238	230	249	182	236	289	261	226

TABLE 7

NONPUBLIC HIGH SCHOOL GRADUATES BY RACE AND COUNTY 1989

	TOTAL	AMERICAN INDIAN/ALASKAN NATIVE	ASIAN/ PACIFIC ISLANDER	BLACK (NON-HISPANIC)	HISPANIC	WHITE (NON-HISPANIC)
TOTAL	20 311	17	313	1 273	303	18 405
ADAMS	166	0	2	0	1	163
ALLEGHENY	1 766	4	37	76	5	1 644
ARMSTRONG	13	0	0	0	0	13
BEAVER	92	0	0	0	0	92
BEDFORD	2	0	0	0	0	2
BERKS	390	0	3	84	12	291
BLAIR	146	0	0	1	0	145
BRADFORD	0	0	0	0	0	0
BUCKS	1 235	2	20	21	14	1 178
BUTLER	6	0	0	0	0	6
CAMBRIA	200	0	2	0	2	196
CAMERON	0	0	0	0	0	0
CARBON	0	0	0	0	0	0
CENTRE	7	0	0	0	0	7
CHESTER	603	0	11	25	6	561
CLARION	4	0	0	0	0	4
CLEARFIELD	49	0	0	0	0	49
CLINTON	0	0	0	0	0	0
COLUMBIA	16	0	0	0	0	16
CRAWFORD	15	0	0	0	0	15
CUMBERLAND	194	0	2	1	1	190
DAUPHIN	327	0	12	50	11	254
DELAWARE	2 019	0	21	101	8	1 889
ELK	88	0	1	0	0	87
ERIE	574	0	8	26	4	536
FAYETTE	93	0	1	0	0	92
FOREST	66	1	1	14	7	43
FRANKLIN	194	0	8	4	4	178
FULTON	0	0	0	0	0	0
GREENE	4	0	0	0	0	4
HUNTINGDON	6	0	0	0	0	6
INDIANA	85	0	3	2	7	73
JEFFERSON	0	0	0	0	0	0
JUNIATA	0	0	0	0	0	0
LACKAWANNA	479	0	0	0	0	479
LANCASTER	595	0	12	14	17	552
LAWRENCE	31	0	2	1	0	28
LEBANON	89	0	2	0	2	85
LEHIGH	283	0	9	0	6	268
LUZERNE	599	0	8	4	2	585
LYCOMING	53	0	1	0	0	52
MCKEAN	29	0	0	0	0	29
MERCER	100	0	0	2	0	98
MIFFLIN	20	0	0	0	0	20
MONROE	51	1	0	0	1	49
MONTGOMERY	2 796	1	38	145	16	2 596
MONTOUR	9	0	1	0	1	7
NORTHAMPTON	375	0	7	1	17	350
NORTHUMBERLAND	124	0	0	0	0	124
PERRY	32	1	3	5	3	20
PHILADELPHIA	5 448	1	93	689	149	4 516
PIKE	0	0	0	0	0	0
POTTER	1	0	0	0	0	1
SCHUYLKILL	220	0	1	0	0	219
SNYDER	18	0	0	0	0	18
SOMERSET	25	3	0	0	0	22
SULLIVAN	1	0	0	0	0	1
SUSQUEHANNA	0	0	0	0	0	0
TIOGA	4	0	0	0	0	4
UNION	8	0	0	0	0	8
VENANGO	40	0	0	0	0	40
WARREN	6	0	0	0	0	6
WASHINGTON	40	0	0	2	0	38
WAYNE	15	0	0	0	0	15
WESTMORELAND	234	3	0	0	2	229
WYOMING	0	0	0	0	0	0
YORK	226	0	4	5	5	212

TABLE 8

NONPUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART A)
1989

	TOTAL GRADUATES	TOTAL COLLEGE-BOUND	PENNSYLVANIA					OUTSIDE PENNSYLVANIA	
			COMMUNITY COLLEGE	PRIVATE 2-YEAR COLLEGE	PUBLIC 4-YEAR COLLEGE OR UNIVERSITY	PRIVATE 4-YEAR COLLEGE OR UNIVERSITY	OTHER POST-SEC. (AST or ASB DEGREE)	2-YEAR COLLEGE	4-YEAR COLLEGE OR UNIVERSITY
TOTAL	20 311	15 859	1 966	364	4 614	4 813	390	117	3 595
ADAMS	166	107	4	1	22	30	16	11	23
ALLEGHENY	1 766	1 473	235	5	430	375	24	5	399
ARMSTRONG	13	7	0	0	2	4	1	0	0
BEAVER	92	80	8	0	16	29	7	0	20
BEDFORD	2	0	0	0	0	0	0	0	0
BERKS	390	273	15	3	62	72	8	4	109
BLAIR	146	105	5	0	77	12	1	5	5
BRADFORD	0	0	0	0	0	0	0	0	0
BUCKS	1 235	993	213	2	219	278	13	4	264
BUTLER	6	4	0	0	0	1	0	1	2
CAMBRIA	200	165	1	4	77	50	8	0	25
CAMERON	0	0	0	0	0	0	0	0	0
CARBON	0	0	0	0	0	0	0	0	0
CENTRE	7	5	0	0	0	1	0	0	4
CHESTER	603	392	7	8	60	198	0	5	114
CLARION	4	2	1	1	0	0	0	0	0
CLEARFIELD	49	36	1	1	27	6	0	0	1
CLINTON	0	0	0	0	0	0	0	0	0
COLUMBIA	16	13	1	1	1	2	0	0	8
CRAWFORD	15	9	0	0	1	5	0	0	3
CUMBERLAND	194	165	32	2	27	50	2	1	51
DAUPHIN	327	230	65	2	63	52	0	12	36
DELAWARE	2 019	1 763	286	40	400	621	44	11	361
ELK	88	74	2	0	35	20	3	2	12
ERIE	574	500	1	2	216	176	9	1	95
FAYETTE	93	74	0	0	39	15	1	4	15
FOREST	66	5	4	0	0	0	0	0	1
FRANKLIN	194	147	1	3	8	16	0	6	113
FULTON	0	0	0	0	0	0	0	0	0
GREENE	4	0	0	0	0	0	0	0	0
HUNTINGDON	6	5	0	0	0	2	1	0	2
INDIANA	85	82	0	0	8	21	0	1	52
JEFFERSON	0	0	0	0	0	0	0	0	0
JUNIATA	0	0	0	0	0	0	0	0	0
LACKAWANNA	479	420	26	8	124	217	6	0	39
LANCASTER	595	336	7	2	93	90	16	6	122
LAWRENCE	31	30	0	0	0	5	0	0	25
LEBANON	89	60	11	1	22	17	2	1	6
LEHIGH	283	232	32	2	126	64	0	2	6
LUZERNE	599	541	90	9	153	193	7	3	86
LYCOMING	53	45	10	2	14	14	0	0	5
MCKEAN	29	20	1	0	9	6	0	3	1
MERCER	100	76	1	0	31	25	0	0	19
MIFFLIN	20	7	1	0	1	0	0	1	4
MONROE	51	39	3	0	19	7	0	1	9
MONTGOMERY	2 796	2 519	251	26	528	856	18	9	831
MONTOUR	9	9	0	0	1	3	0	0	5
NORTHAMPTON	375	308	46	7	71	85	16	2	81
NORTHUMBERLAND	124	84	10	1	40	20	7	0	6
PERRY	32	20	1	3	3	1	1	4	7
PHILADELPHIA	5 448	3 797	565	219	1 375	992	150	9	487
PIKE	0	0	0	0	0	0	0	0	0
POTTER	1	0	0	0	0	0	0	0	0
SCHUYLKILL	220	166	5	3	72	73	7	0	6
SNYDER	18	3	0	0	0	1	0	0	2
SOMERSET	25	14	0	1	1	0	2	0	10
SULLIVAN	1	0	0	0	0	0	0	0	0
SUSQUEHANNA	0	0	0	0	0	0	0	0	0
TIOGA	4	3	0	0	1	0	0	0	2
UNION	8	4	1	0	0	3	0	0	0
VENANGO	40	24	2	3	14	3	0	0	2
WARREN	6	2	0	0	0	1	0	0	1
WASHINGTON	40	23	2	0	11	5	0	0	5
WAYNE	15	5	0	0	0	3	0	0	2
WESTMORELAND	234	200	16	1	56	57	1	1	68
WYOMING	0	0	0	0	0	0	0	0	0
YORK	226	163	3	1	59	36	19	2	43

TABLE 8

NONPUBLIC HIGH SCHOOL GRADUATES BY POST-HIGH SCHOOL ACTIVITY AND COUNTY (PART B)
1989

	TOTAL OTHER ACTIVITY	OTHER POST-SECONDARY (Nondegree)	FARM WORKER	HOMEMAKER	MILITARY	WHITE COLLAR	BLUE COLLAR	SERVICE WORKER	UNEMPLOYED	UNKNOWN
TOTAL	4 452	678	27	41	378	822	762	576	295	873
ADAMS	59	11	1	0	3	11	10	1	0	22
ALLEGHENY	293	77	0	1	32	23	37	58	20	45
ARMSTRONG	6	0	0	1	0	0	2	2	1	0
BEAVER	12	1	0	0	0	1	1	1	0	8
BEDFORD	2	1	0	0	0	0	0	1	0	0
BERKS	117	22	0	3	10	14	50	2	1	15
BLAIR	41	19	0	0	3	2	13	3	0	1
BRADFORD	0	0	0	0	0	0	0	0	0	0
BUCKS	242	37	0	1	16	20	34	10	32	92
BUTLER	2	0	0	0	0	1	0	1	0	0
CAMBRIA	35	1	1	0	6	3	10	7	0	7
CAMERON	0	0	0	0	0	0	0	0	0	0
CARBON	0	0	0	0	0	0	0	0	0	0
CENTRE	2	0	0	0	1	0	0	1	0	0
CHESTER	211	1	0	0	2	0	7	6	1	194
CLARION	2	0	0	0	0	0	0	0	0	2
CLEARFIELD	13	1	0	0	4	2	0	2	1	3
CLINTON	0	0	0	0	0	0	0	0	0	0
COLUMBIA	3	1	0	0	0	0	0	2	0	0
CRAWFORD	6	1	0	0	1	0	1	0	0	3
CUMBERLAND	29	6	0	1	5	2	5	8	1	1
DAUPHIN	97	11	0	0	15	18	34	5	1	13
DELAWARE	256	28	0	1	34	69	57	26	18	23
ELK	14	1	0	0	9	0	0	4	0	0
ERIE	74	13	0	0	12	1	6	30	6	6
FAYETTE	19	4	1	0	1	0	0	10	0	3
FOREST	61	2	0	0	1	2	17	0	4	35
FRANKLIN	47	7	3	3	2	6	11	7	3	5
FULTON	0	0	0	0	0	0	0	0	0	0
GREENE	4	0	0	0	0	0	0	0	0	4
HUNTINGDON	1	0	0	0	1	0	0	0	0	0
INDIANA	3	0	0	0	1	0	0	1	1	0
JEFFERSON	0	0	0	0	0	0	0	0	0	0
JUNIATA	0	0	0	0	0	0	0	0	0	0
LACKAWANNA	59	2	0	0	7	2	14	13	2	19
LANCASTER	259	36	15	3	11	28	85	38	2	41
LAWRENCE	1	1	0	0	0	0	0	0	0	0
LEBANON	29	3	0	0	6	4	9	2	0	5
LEHIGH	51	13	0	1	6	1	26	2	0	2
LUZERNE	58	10	0	0	3	3	17	10	0	15
LYCOMING	8	1	0	0	3	0	1	3	0	0
MCKEAN	9	2	0	1	1	0	0	2	2	1
MERCER	24	8	0	1	3	1	1	3	1	6
MIFFLIN	13	1	1	0	0	0	4	3	2	2
MONROE	12	0	0	0	2	2	0	8	0	0
MONTGOMERY	277	68	0	2	18	52	49	14	38	36
MONTOUR	0	0	0	0	0	0	0	0	0	0
NORTHAMPTON	67	13	0	0	8	6	8	15	7	10
NORTHUMBERLAND	40	8	3	0	5	2	3	6	3	10
PERRY	12	0	0	0	9	1	1	0	0	1
PHILADELPHIA	1 651	215	0	19	111	525	224	246	144	167
PIKE	0	0	0	0	0	0	0	0	0	0
POTTER	1	1	0	0	0	0	0	0	0	0
SCHUYLKILL	54	24	0	0	7	0	2	3	0	18
SNYDER	15	0	0	1	0	2	0	2	0	10
SOMERSET	11	4	0	1	2	0	0	2	2	0
SULLIVAN	1	1	0	0	0	0	0	0	0	0
SUSQUEHANNA	0	0	0	0	0	0	0	0	0	0
TIOGA	1	0	0	0	0	1	0	0	0	0
UNION	4	0	0	0	0	1	2	1	0	0
VENANGO	16	0	0	0	7	0	3	0	0	6
WARREN	4	1	0	0	0	0	2	0	0	1
WASHINGTON	17	3	1	0	1	6	6	0	0	0
WAYNE	10	1	0	0	0	0	4	4	1	0
WESTMORELAND	34	8	0	0	5	1	2	3	0	15
WYOMING	0	0	0	0	0	0	0	0	0	0
YORK	63	9	1	1	4	9	4	8	1	26

TABLE 9

NONPUBLIC HIGH SCHOOL GRADUATES BY RACE, SEX, AND POST-HIGH SCHOOL ACTIVITY
1989

	TOTAL			AMERICAN INDIAN/ALASKAN NATIVE		ASIAN/ PACIFIC ISLANDER		BLACK (NON-HISPANIC)		HISPANIC		WHITE (NON-HISPANIC)	
	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
TOTAL GRADUATES	20 311	10 087	10 224	4	13	152	161	556	717	132	171	9 243	9 162
TOTAL COLLEGE-BOUND	15 859	7 810	8 049	2	8	140	151	408	566	83	120	7 177	7 204
PENNSYLVANIA	12 147	5 817	6 330	1	5	90	98	300	384	64	90	5 362	5 753
Community College	1 966	925	1 041	0	2	6	8	44	88	7	27	868	916
Private 2-yr. College	364	82	282	0	0	0	4	10	19	5	3	67	256
Public 4-yr. College or University	4 614	2 293	2 321	1	2	49	38	152	182	32	30	2 059	2 069
Private 4-yr. College or University	4 813	2 392	2 421	0	1	35	46	86	79	16	26	2 255	2 269
Other Postsecondary School (AST or ASB Degree)	390	125	265	0	0	0	2	8	16	4	4	113	243
OUTSIDE PENNSYLVANIA	3 712	1 993	1 719	1	3	50	53	108	182	19	30	1 815	1 451
2-yr. College	117	56	61	0	0	2	1	5	6	2	1	47	53
4-yr. College or University	3 595	1 937	1 658	1	3	48	52	103	176	17	29	1 768	1 398
TOTAL OTHER ACTIVITY	4 452	2 277	2 175	2	5	12	10	148	151	49	51	2 066	1 958
Other Postsecondary School (Non-Degree)	678	290	388	0	2	5	3	18	28	6	8	261	347
Farm Worker	27	26	1	0	0	0	0	0	0	0	0	26	1
Homemaker	41	0	41	0	0	0	1	0	5	0	3	0	32
Military	378	336	42	0	0	0	1	38	5	11	2	287	34
White Collar Worker	822	158	664	0	0	1	4	7	46	1	23	149	591
Blue Collar Worker	762	628	134	0	0	1	0	32	2	5	2	590	130
Service Worker	576	211	365	0	0	1	0	23	28	6	3	181	334
Unemployed	295	175	120	1	2	2	0	8	6	7	0	157	112
Unknown	873	453	420	1	1	2	1	22	31	13	10	415	377

TABLE 10

PUBLIC HIGH SCHOOL GRADUATES BY STATE
1986-87 AND 1987-88

	HIGH SCHOOL GRADUATES		RATIO OF 1988 TO 1987 GRADUATES
	1986-87	1987-88	
UNITED STATES	2 433 778	2 496 628	102.6
ALABAMA	42 463	43 799	103.1
ALASKA	5 692	5 907	103.8
ARIZONA	29 549	29 777	100.8
ARKANSAS	27 101	27 776	102.5
CALIFORNIA	237 414	249 617	105.1
COLORADO	34 200	35 977	105.2
CONNECTICUT	31 141	32 383	104.0
DELAWARE	5 895	5 963	101.2
DISTRICT OF COLUMBIA	3 842	3 882	101.0
FLORIDA	82 184	89 206	108.5
GEORGIA	60 018	61 765	102.9
HAWAII	10 371	10 575	102.0
IDAHO	12 243	12 425	101.5
ILLINOIS	116 075	119 090	102.6
INDIANA	60 364	64 037	106.1
IOWA	34 580	35 218	101.8
KANSAS	26 933	27 036	100.4
KENTUCKY	36 948	39 484	106.9
LOUISIANA	39 084	39 058	99.9
MAINE	13 692	13 808	100.8
MARYLAND	46 107	47 175	102.3
MASSACHUSETTS	61 010	55 940	91.7
MICHIGAN	107 725	106 151	98.5
MINNESOTA	53 533	54 645	102.1
MISSISSIPPI	26 201	27 896	106.5
MISSOURI	50 840	51 316	100.9
MONTANA	10 073	10 311	102.4
NEBRASKA	18 129	18 300	100.9
NEVADA	-	9 404	-
NEW HAMPSHIRE	10 796	11 685	108.2
NEW JERSEY	79 376	80 863	101.9
NEW MEXICO	15 701	15 868	101.1
NEW YORK	163 765	165 379	101.0
NORTH CAROLINA	65 421	67 836	103.7
NORTH DAKOTA	7 821	8 432	107.8
OHIO	121 121	124 503	102.8
OKLAHOMA	35 514	36 145	101.8
OREGON	27 165	28 058	103.3
PENNSYLVANIA	121 219	124 376	102.6
RHODE ISLAND	8 627	8 684	100.7
SOUTH CAROLINA	36 000	36 300	100.8
SOUTH DAKOTA	8 074	8 415	104.2
TENNESSEE	44 731	47 904	107.1
TEXAS	168 430	171 436	101.8
UTAH	20 930	22 226	106.2
VERMONT	5 968	6 173	103.4
VIRGINIA	65 008	65 688	101.0
WASHINGTON	49 873	51 754	103.8
WEST VIRIGNIA	22 401	22 406	100.0
WISCONSIN	56 872	58 428	102.7
WYOMING	5 933	6 148	103.6

DASH (-) indicates data not available.

NOTE: National total for 1986-87 graduates is imputed based on the previous year's data.

SOURCE: *E.D. TABS, MARCH 1990, "Public Elementary and Secondary State Aggregate Nonfiscal Data, by State, for School Year 1988-89; and School Revenues and Expenditures for Fiscal Year, 1988,"* U.S. Department of Education, Office of Educational Research and Improvement.

APPENDIX A

GLOSSARY

ASB AND/OR AST DEGREE - an award granted by a Specialized Associate Degree-Granting Institution which is authorized to award the Associate in Specialized Business (ASB) and/or the Associate in Specialized Technology (AST) degrees for certain approved programs.

COLLEGE-BOUND GRADUATE - a high school graduate planning to enroll in a two- or four-year, degree-granting college or university, or a specialized associate degree-granting institutuion.

HIGH SCHOOL GRADUATE - a student who has completed the 12th grade and received a high school diploma.

OCCUPATIONAL CATEGORIES:

FARM WORKER - includes farm managers, farm laborers and farm service laborers.

HOMEMAKER - includes those whose primary occupation is homemaking, which involves all aspects of home and family living.

MILITARY - includes those enlisted in the armed services, national guard, reserves or the merchant marine.

WHITE COLLAR WORKER:

Clerical/office worker - includes bank tellers, billing clerks, bookkeepers, cashiers, bill collectors, estimators, file clerks, insurance adjusters, library assistants, mail carriers, office machine operators, office managers and executives, payroll clerks, postal clerks, receptionists, secretaries, shipping or receiving clerks, statistical clerks, stenographers, storekeepers, telegraph operators, telephone operators, ticket agents and typists.

Professional/technical worker - includes engineering technicians, medical and health technicians, and other technicians such as computer programmers, designers, draftspersons, photographers, radio operators and servicers.

Retail/sales workers - includes advertising agents, demonstrators, sales agents and sales clerks.

BLUE COLLAR WORKER:

Journeymen/skilled worker - includes construction crafts workers, skilled metal workers, mechanics, repairers, and other craft workers such as cake bakers, carpet installers, decorators, furniture finishers, jewelers, locomotive mechanics, motion picture projectionists, lens grinders and polishers, pattern-makers, power station operators, shoe repairers, stone-cutters, tailors (factory), telephone installers, repairers and line-persons and upholsterers.

Semi-skilled laborer - includes such areas as construction operatives, metal working operatives, transport equipment operatives, semi-skilled textile occupations, and other operatives such as milliners and photographic process workers.

Unskilled laborer - includes animal caretakers, carpenter's helper, construction laborers, freight handlers, gardeners, groundskeepers, nursery workers, stock handlers, teamsters and warehouse workers.

SERVICE WORKER:

Cleaning service worker - includes janitors and cleaners.

Food service worker - includes bakers, bartenders, butchers, fast food service workers, food preparation, waiters and waitresses.

Health service worker - includes nurses' aides/orderlies, psychiatric aides and medical assistants.

Personal service worker - includes barbers, bellhops, child care workers (except private household), cosmetologists, flight attendants, guides, hairdressers, lifeguards, recreation and amusement attendants and social service aides.

Private household worker - includes private household child care workers and private household cooks, housekeepers, maids and servants.

Protective service worker - includes crossing guards, fire fighters, guards, police officers and security personnel.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands. This area includes, for example, China, Japan, Korea, India, the Philippine Islands and Samoa.

BLACK (NON-HISPANIC) - a person having origins in any of the black racial groups of Africa.

HISPANIC - a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

WHITE (NON-HISPANIC) - a person having origins in any of the original peoples of Europe, North Africa or the Middle East.

APPENDIX B

SOURCES

1. High School Graduate Report (PDE-4037)

2. *E.D. TABS, MARCH 1990, "Public Elementary and Secondary State Aggregate Nonfiscal Data, by State, for School Year 1988-1989, and School Revenues and Expenditures for Fiscal Year, 1988,"* U.S. Department of Education, Office of Educational Research and Improvement

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HIGHLIGHTS

- The average salary for selected faculty ranks (professor, associate professor, assistant professor, and instructor) on 9-month contracts rose by 78.0 percent since 1980-81.

- Since the 1988-89 academic year, the average salary for these selected faculty ranks on 9-month contracts rose by 7.7 percent.

- The average salary for these selected faculty ranks on 9-month contracts at the state-related commonwealth universities was $43,199, highest of the three categories of public institutions, and $52,759 at the private state-aided institutions, highest of any category of private institutions.

- A total of 216.7 million dollars was spent on fringe benefits for full-time instructional faculty on 9-month contracts. This is an increase of 18.6 percent over the reported expenditures for 1988-89.

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OVERVIEW

The average salaries of full-time instructional faculty on contracts of nine months for selected ranks (professor, associate professor, assistant professor, and instructor) increased by 78.0 percent from $23,337 in 1980-81 to $41,536 in 1989-90. For the period 1988-89 to 1989-90, the increase was 7.7 percent. While the average public sector salary rose by 70.7 percent from 1980-81 to 1989-90, the average private sector salary increased by 84.2 percent.

From 1988-89 to 1989-90, the increase in average salaries for full-time instructional faculty on contracts of nine months (all ranks) was largest at the state universities with a growth rate of 10.1 percent ($38,802 to $42,714). Increases were also recorded at the rate of 8.6 percent at community colleges, 6.8 percent at state-related commonwealth universities and private state-aided institutions, 6.6 percent at private colleges and universities, 5.7 percent at private junior colleges, and 4.0 percent at theological seminaries.

A 2.6 percent increase in average salaries was reported for the full-time instructional faculty on twelve-month contracts (all ranks). This figure was derived from the change in average salaries from $45,973 in 1988-89 to $47,156 in 1989-90.

In 1980-81, 40.6 percent of the expenditures for fringe benefits for full-time instructional faculty employed on a contract of nine months was for retirement plans. By 1989-90, retirement plans accounted for only 35.9 percent of these expenditures. Over the 1980-81 to 1989-90 period, medical/dental benefits generally accounted for an increasingly larger portion of fringe benefit costs, moving from 16.5 percent to 23.5 percent.

For the 10-year period ending in 1989-90, expenditures for fringe benefits increased by 131.3 percent. By benefit, expenditures increased as follows: retirement, up 105.0 percent; social security, up 140.1 percent; medical/dental, up 228.4 percent; and all other, including guaranteed disability income, tuition and housing plans, unemployment compensation taxes, group life insurance, workmen's compensation taxes, and other benefits in kind with cash options, up 89.4 percent.

The summary below provides a look at the distribution of the 1989-90 expenditures paid for fringe benefits for faculty on nine-month contracts.

Fringe Benefit	Amount
Total	$216,670,962
Retirement Plans	77,856,515
Social Security	55,704,304
Medical/Dental Plans	50,900,622
Other	32,209,521

TABLE 1

AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS FOR SELECTED RANKS BY SELECTED INSTITUTIONAL CATEGORIES 1980-81 THROUGH 1989-90

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Total, All Institutions	$23 337	$25 735	$26 855	$29 192	$30 542	$32 131	-	$36 424	$38 561	$41,536
Total, Public Institutions	24 683	26 232	27 773	28 936	30 447	31 797	-	36 580	38 751	42,132
State Universities	26 181	27 778	29 128	29 676	31 018	31 583	-	36 860	38 802	42,714
State-Related Commonwealth Universities	24 045	26 183	27 834	29 520	31 178	33 098	-	37 866	40 411	43,199
Community Colleges	20 076	22 475	24 237	25 940	27 502	29 356	-	32 708	34 392	37,412
Total, Private Institutions	22 210	25 143	25 765	29 493	30 654	32 522	-	36 237	38 334	40,918

Note: 1. The selected ranks are professor, associate professor, assistant professor, and instructor.

2. A dash (-) indicates "data not available."

TABLE 2

FRINGE BENEFITS AS A PERCENTAGE OF THE TOTAL SALARY OF FULL-TIME INSTRUCTIONAL FACULTY EMPLOYED ON A CONTRACT OF 9 MONTHS 1980-81 THROUGH 1989-90

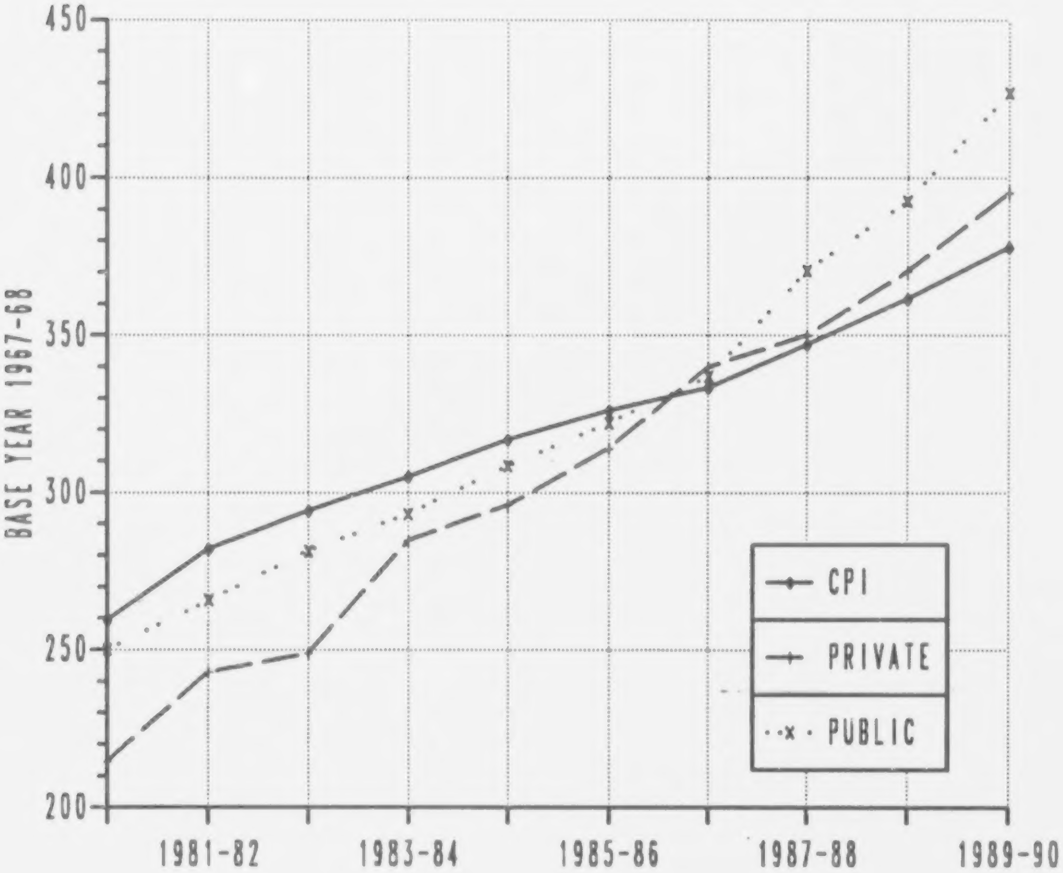
(In Millions of Dollars)

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Total Salary Expenditure	$404.6	$457.6	$455.9	$521.6	$562.6	$592.5	-	$690.7	$752.0	$820.6
Total Fringe Benefit Expenditure	$ 93.7	$109.4	$116.5	$131.9	$150.9	$158.3	-	$173.6	$182.6	$216.7
Percentage	23.1	23.9	25.6	25.3	26.8	26.7	-	25.1	24.3	26.4

Note: A dash (-) indicates "data not available."

FIGURE 1

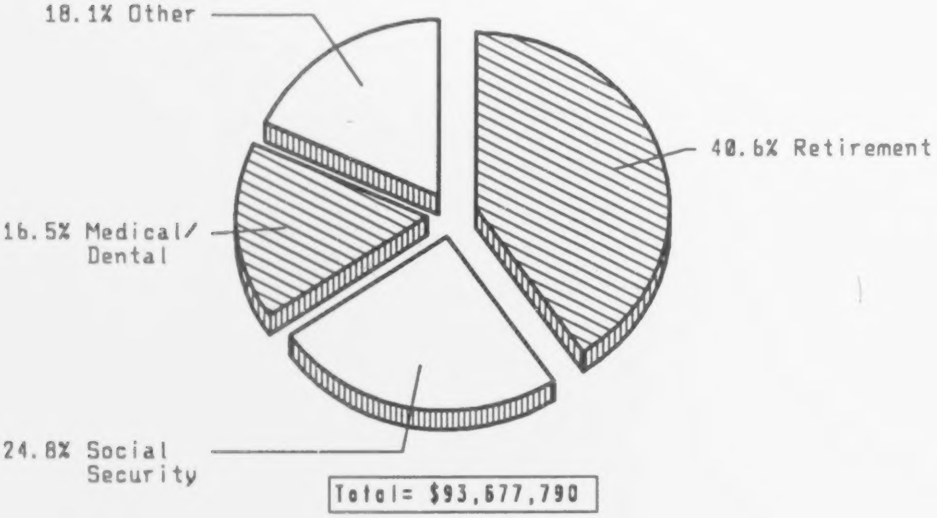
INDEX OF AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY (9-MONTH CONTRACTS) VS. THE CONSUMER PRICE INDEX 1980-81 THROUGH 1989-90



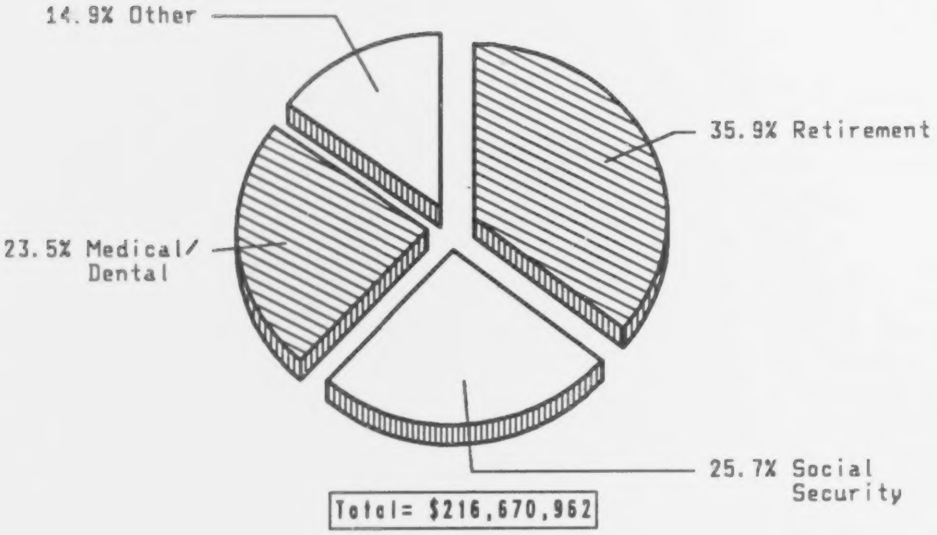
Note: 1. Includes only professor, associate professor, assistant professor and instructor.
2. 1986-87 data estimated.

FIGURE 2

FRINGE BENEFIT EXPENDITURES FOR FULL-TIME INSTRUCTIONAL FACULTY (9-MONTH CONTRACTS) 1980-81 AND 1989-90



1980-81



1989-90

TABLE 3

AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY BY CONTRACT LENGTH, RANK, AND INSTITUTIONAL CATEGORY 1989-90

	9 MONTHS		12 MONTHS	
	NUMBER	AVERAGE SALARY	NUMBER	AVERAGE SALARY
PROFESSORS				
STATE UNIVERSITIES	1,568	$ 52,769	20	$ 66,107
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,331	58,719	310	71,524
COMMUNITY COLLEGES	558	41,779	10	47,487
PRIVATE STATE-AIDED INSTITUTIONS	734	68,085	21	60,401
PRIVATE COLLEGES AND UNIVERSITIES	2,082	50,169	99	60,449
THEOLOGICAL SEMINARIES	36	38,978	38	32,578
PRIVATE JUNIOR COLLEGES	44	31,877	3	27,591
RANK TOTAL	6,353	53,745	501	64,956
ASSOCIATE PROFESSORS				
STATE UNIVERSITIES	1,360	42,473	14	54,084
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,333	42,550	264	54,041
COMMUNITY COLLEGES	585	37,842	22	45,269
PRIVATE STATE-AIDED INSTITUTIONS	463	45,479	47	46,976
PRIVATE COLLEGES AND UNIVERSITIES	2,079	37,689	71	42,434
THEOLOGICAL SEMINARIES	10	32,806	15	30,694
PRIVATE JUNIOR COLLEGES	49	25,655	1	20,285
RANK TOTAL	5,879	40,418	434	50,049
ASSISTANT PROFESSORS				
STATE UNIVERSITIES	1,283	34,207	15	41,482
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,404	34,880	246	41,982
COMMUNITY COLLEGES	340	33,187	17	38,039
PRIVATE STATE-AIDED INSTITUTIONS	460	39,463	36	39,863
PRIVATE COLLEGES AND UNIVERSITIES	2,440	31,440	86	34,277
THEOLOGICAL SEMINARIES	12	28,283	10	25,946
PRIVATE JUNIOR COLLEGES	57	24,133	2	26,644
RANK TOTAL	5,996	33,476	412	39,544
INSTRUCTORS				
STATE UNIVERSITIES	266	25,698	6	33,982
STATE-RELATED COMMONWEALTH UNIVERSITIES	490	26,640	193	27,410
COMMUNITY COLLEGES	99	24,766	15	28,355
PRIVATE STATE-AIDED INSTITUTIONS	68	26,845	25	32,854
PRIVATE COLLEGES AND UNIVERSITIES	439	24,477	23	28,984
THEOLOGICAL SEMINARIES	1	27,150	1	26,653
PRIVATE JUNIOR COLLEGES	43	18,620	5	21,207
RANK TOTAL	1,406	25,420	268	28,134
LECTURERS				
STATE-RELATED COMMONWEALTH UNIVERSITIES	88	$ 23,105	49	$ 33,143
COMMUNITY COLLEGES	9	22,355	8	23,389
PRIVATE STATE-AIDED INSTITUTIONS	30	23,485	2	29,631
PRIVATE COLLEGES AND UNIVERSITIES	48	27,775		
THEOLOGICAL SEMINARIES	1	31,518	1	26,246
RANK TOTAL	176	24,453	60	31,610
NO ACADEMIC RANK				
STATE-RELATED COMMONWEALTH UNIVERSITIES	10	28,084	75	34,655
COMMUNITY COLLEGES			2	27,565
PRIVATE COLLEGES AND UNIVERSITIES	17	29,385	9	60,924
PRIVATE JUNIOR COLLEGES	2	17,348	6	21,574
RANK TOTAL	29	28,106	92	36,218
ALL RANKS				
STATE UNIVERSITIES	4,477	42,714	55	52,826
STATE-RELATED COMMONWEALTH UNIVERSITIES	4,656	42,787	1,137	49,499
COMMUNITY COLLEGES	1,591	37,327	74	37,635
PRIVATE STATE-AIDED INSTITUTIONS	1,755	52,258	131	44,214
PRIVATE COLLEGES AND UNIVERSITIES	7,105	38,297	288	45,694
THEOLOGICAL SEMINARIES	60	35,489	65	30,934
PRIVATE JUNIOR COLLEGES	195	24,978	17	23,048
TOTAL	19,839	41,365	1,767	47,156

TABLE 4

AVERAGE SALARIES OF FULL-TIME INSTRUCTIONAL FACULTY BY
CONTRACT LENGTH, RANK, SEX, AND INSTITUTIONAL CATEGORY
1989-90

	9 MONTHS				12 MONTHS			
	MEN		WOMEN		MEN		WOMEN	
	NUMBER	AVERAGE SALARY	NUMBER	AVERAGE SALARY	NUMBER	AVERAGE SALARY	NUMBER	AVERAGE SALARY
PROFESSORS								
STATE UNIVERSITIES	1,345	$ 53,067	223	$ 50,973	17	$ 66,862	3	$ 61,828
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,181	59,516	150	52,447	280	72,005	30	67,043
COMMUNITY COLLEGES	378	42,964	180	39,289	5	50,889	5	44,086
PRIVATE STATE-AIDED INSTITUTIONS	661	68,551	73	63,862	15	58,618	6	64,858
PRIVATE COLLEGES AND UNIVERSITIES	1,801	51,408	281	42,229	76	65,257	23	44,561
THEOLOGICAL SEMINARIES	34	39,154	2	35,982	38	32,578		
PRIVATE JUNIOR COLLEGES	28	32,058	16	31,560	3	27,591		
RANK TOTAL	5,428	54,906	925	46,931	434	66,157	67	57,183
ASSOCIATE PROFESSORS								
STATE UNIVERSITIES	1,028	42,877	332	41,222	10	54,024	4	54,232
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,042	43,109	291	40,549	212	54,943	52	50,364
COMMUNITY COLLEGES	329	39,505	256	35,704	12	44,833	10	45,791
PRIVATE STATE-AIDED INSTITUTIONS	345	47,185	118	40,490	33	47,595	14	45,519
PRIVATE COLLEGES AND UNIVERSITIES	1,586	38,624	493	34,679	45	45,207	26	37,634
THEOLOGICAL SEMINARIES	6	32,499	4	33,267	15	30,694		
PRIVATE JUNIOR COLLEGES	21	26,483	28	25,034	1	20,285		
RANK TOTAL	4,357	41,378	1,522	37,670	328	51,256	106	46,316
ASSISTANT PROFESSORS								
STATE UNIVERSITIES	695	34,635	588	33,702	9	43,064	6	39,110
STATE-RELATED COMMONWEALTH UNIVERSITIES	985	35,688	419	32,980	156	42,521	90	41,046
COMMUNITY COLLEGES	168	35,062	172	31,356	7	38,825	10	37,489
PRIVATE STATE-AIDED INSTITUTIONS	318	41,340	142	35,259	17	41,125	19	38,734
PRIVATE COLLEGES AND UNIVERSITIES	1,401	32,838	1,039	29,555	43	36,174	43	32,380
THEOLOGICAL SEMINARIES	5	28,073	7	28,433	8	25,218	2	28,861
PRIVATE JUNIOR COLLEGES	22	23,963	35	24,240	2	26,644		
RANK TOTAL	3,594	34,762	2,402	31,553	242	40,505	170	38,175
INSTRUCTORS								
STATE UNIVERSITIES	110	25,792	156	25,632	2	30,198	4	35,875
STATE-RELATED COMMONWEALTH UNIVERSITIES	282	28,418	208	24,229	87	29,395	106	25,780
COMMUNITY COLLEGES	42	25,194	57	24,451	5	30,726	10	27,170
PRIVATE STATE-AIDED INSTITUTIONS	33	28,082	35	25,678	13	35,327	12	30,176
PRIVATE COLLEGES AND UNIVERSITIES	179	25,537	260	23,748	9	30,376	14	28,089
THEOLOGICAL SEMINARIES	1	27,150			1	26,653		
PRIVATE JUNIOR COLLEGES	7	19,638	36	18,422			5	21,207
RANK TOTAL	654	26,868	752	24,160	117	30,177	151	26,552
LECTURERS								
STATE-RELATED COMMONWEALTH UNIVERSITIES	39	$ 25,477	49	$ 21,218	30	$ 38,858	19	$ 24,119
COMMUNITY COLLEGES	5	22,862	4	21,720	2	23,248	6	23,436
PRIVATE STATE-AIDED INSTITUTIONS	21	25,966	9	17,697	1	27,300	1	31,961
PRIVATE COLLEGES AND UNIVERSITIES	15	27,008	33	28,123				
THEOLOGICAL SEMINARIES	1	31,518					1	26,246
RANK TOTAL	81	25,801	95	23,304	33	37,561	27	24,336
NO ACADEMIC RANK								
STATE-RELATED COMMONWEALTH UNIVERSITIES	3	33,180	7	25,900	53	35,534	22	32,538
COMMUNITY COLLEGES							2	27,565
PRIVATE COLLEGES AND UNIVERSITIES	7	31,597	10	27,837	6	76,103	3	30,567
PRIVATE JUNIOR COLLEGES			2	17,348	2	24,341	4	20,191
RANK TOTAL	10	32,072	19	26,019	61	39,157	31	30,433
ALL RANKS								
STATE UNIVERSITIES	3,178	44,796	1,299	37,620	38	55,918	17	45,916
STATE-RELATED COMMONWEALTH UNIVERSITIES	3,532	45,150	1,124	35,361	818	53,850	319	38,342
COMMUNITY COLLEGES	922	39,372	669	34,508	31	40,785	43	35,365
PRIVATE STATE-AIDED INSTITUTIONS	1,378	55,304	377	41,126	79	46,020	52	41,470
PRIVATE COLLEGES AND UNIVERSITIES	4,989	41,100	2,116	31,688	179	51,840	109	35,603
THEOLOGICAL SEMINARIES	47	36,707	13	31,082	62	31,077	3	27,989
PRIVATE JUNIOR COLLEGES	78	27,159	117	23,523	8	25,628	9	20,755
TOTAL	14,124	44,126	5,715	34,543	1,215	51,428	552	37,754

TABLE 5

PERCENT OF FULL-TIME INSTRUCTIONAL FACULTY WHO HAVE TENURE BY CONTRACT LENGTH, RANK, SEX, AND INSTITUTIONAL CATEGORY 1989-90

	9 MONTHS				12 MONTHS			
	MEN		WOMEN		MEN		WOMEN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
PROFESSORS								
STATE UNIVERSITIES	1,345	98.0	223	96.4	17	100.0	3	100.0
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,181	95.9	150	99.3	280	91.8	30	100.0
COMMUNITY COLLEGES	378	91.0	180	91.1	5	80.0	5	100.0
PRIVATE STATE-AIDED INSTITUTIONS	661	98.6	73	95.9	15	60.0	6	16.7
PRIVATE COLLEGES AND UNIVERSITIES	1,801	94.4	281	89.0	76	63.2	23	78.3
THEOLOGICAL SEMINARIES	34	85.3	2	100.0	38	81.6		0.0
PRIVATE JUNIOR COLLEGES	28	60.7	16	31.3	3	66.7		0.0
RANK TOTAL	5,428	95.7	925	92.4	434	84.8	67	85.1
ASSOCIATE PROFESSORS								
STATE UNIVERSITIES	1,028	81.3	332	72.9	10	70.0	4	75.0
STATE-RELATED COMMONWEALTH UNIVERSITIES	1,042	88.2	291	90.7	212	76.4	52	57.7
COMMUNITY COLLEGES	329	86.6	256	82.0	12	66.7	10	80.0
PRIVATE STATE-AIDED INSTITUTIONS	345	86.4	118	70.3	33	54.5	14	42.9
PRIVATE COLLEGES AND UNIVERSITIES	1,586	78.4	493	75.3	45	57.8	26	50.0
THEOLOGICAL SEMINARIES	6	66.7	4	50.0	15	20.0		0.0
PRIVATE JUNIOR COLLEGES	21	42.9	28	57.1	1	0.0		0.0
RANK TOTAL	4,357	82.5	1,522	78.1	328	68.3	106	56.6
ASSISTANT PROFESSORS								
STATE UNIVERSITIES	695	48.2	588	38.3	9	33.3	6	33.3
STATE-RELATED COMMONWEALTH UNIVERSITIES	985	25.7	419	16.0	156	10.3	90	4.4
COMMUNITY COLLEGES	168	76.8	172	59.3	7	71.4	10	60.0
PRIVATE STATE-AIDED INSTITUTIONS	318	5.7	142	7.7	17	0.0	19	0.0
PRIVATE COLLEGES AND UNIVERSITIES	1,401	18.1	1,039	14.8	43	18.6	43	18.6
THEOLOGICAL SEMINARIES	5	40.0	7	28.6	8	37.5	2	100.0
PRIVATE JUNIOR COLLEGES	22	18.2	35	14.3	2	50.0		0.0
RANK TOTAL	3,594	27.7	2,402	23.6	242	14.9	170	12.9
INSTRUCTORS								
STATE UNIVERSITIES	110	13.6	156	9.0	2	0.0	4	25.0
STATE-RELATED COMMONWEALTH UNIVERSITIES	282	10.6	208	4.3	87	1.1	106	0.9
COMMUNITY COLLEGES	42	19.0	57	24.6	5	0.0	10	0.0
PRIVATE STATE-AIDED INSTITUTIONS	33	0.0	35	0.0	13	0.0	12	0.0
PRIVATE COLLEGES AND UNIVERSITIES	179	0.0	260	1.2	9	0.0	14	7.1
THEOLOGICAL SEMINARIES	1	0.0		0.0	1	0.0		0.0
PRIVATE JUNIOR COLLEGES	7	28.6	36	5.6		0.0	5	0.0
RANK TOTAL	654	8.4	752	5.6	117	0.9	151	2.0

TABLE 6

NUMBER OF EMPLOYEES BY OCCUPATIONAL ACTIVITY AND EMPLOYMENT STATUS BY INSTITUTIONAL CATEGORY 1989-90

INSTITUTIONAL CATEGORY	ALL OCCUPATIONAL CATEGORIES			EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL		INSTRUCTIONAL FACULTY		OTHER PROFESSIONAL		NON-PROFESSIONAL	
	TOTAL	FULL TIME	PART TIME	FULL TIME	PART TIME	FULL TIME	PART TIME	FULL TIME	PART TIME	FULL TIME	PART TIME
STATE UNIVERSITIES	10,814	9,924	890	763	37	4,662	298	688	234	3,811	321
STATE-RELATED COMMONWEALTH UNIVERSITIES	41,172	31,249	9,923	1,963	51	8,199	6,236	7,880	1,262	13,207	2,374
COMMUNITY COLLEGES	9,163	4,438	4,725	671	55	1,760	4,118	288	79	1,719	473
PRIVATE STATE-AIDED INSTITUTIONS	23,871	18,668	5,203	1,347	13	4,398	3,556	4,619	531	8,304	1,103
PRIVATE COLLEGES AND UNIVERSITIES	33,430	23,962	9,468	2,942	131	7,566	5,997	3,695	841	9,759	2,499
THEOLOGICAL SEMINARIES	596	453	143	81	8	143	63	36	16	193	56
PRIVATE JUNIOR COLLEGES	1,094	670	424	82	5	165	284	160	53	263	82
TOTAL	120,140	89,364	30,776	7,849	300	26,893	20,552	17,366	3,016	37,256	6,908

Note: Instructional faculty includes instruction/research assistants.

APPENDIX A

GLOSSARY

EXECUTIVE, ADMINISTRATIVE, MANAGERIAL - Employees who exercise primary responsibility for the management of the institution, or of a customarily recognized department or subdivision thereof.

INSTRUCTIONAL FACULTY - Instruction/research staff whose major regular assignment is instruction, including those with released time for research. Does not include data relating to instructional faculty who teach preclinical or clinical medicine, who are members of a religious order, or who teach in the R.O.T.C. program.

INSTRUCTION/RESEARCH ASSISTANTS - Individuals employed for the primary purpose of assisting in classroom or laboratory instruction or in the conduct of research.

NONPROFESSIONAL - Includes individuals employed in the fields of technical and paraprofessionals, clerical and secretarial, skilled crafts, and service/maintainence.

OTHER PROFESSIONAL - Individuals employed for the primary purpose of performing academic support, student service, and institutional support activities, whose assignments would require either college graduation or experience of such kind and amount as to provide a comparable background.

PRIVATE CONTROL - Institutions listed in the following categories: private state-aided institutions, private colleges and universities, theological seminaries, and private junior colleges.

PUBLIC CONTROL - Institutions listed in the following categories: state universities, state-related commonwealth universities, and community colleges.

TENURE - Permanence of position. Each institution sets their criteria for tenure.

APPENDIX B

SOURCES

1. Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty (ED G50-14-P-SA)

2. Fall Staff (ED G50-14P-S)

APPENDIX C

NONRESPONDING INSTITUTIONS
(Data Estimated)

Gratz College

Grove City College

Harcum Junior College

Spring Garden College

Selected Public School Building Data

1989-90

S6790-5.11-U

TABLE 1

SELECTED DATA ON PUBLIC SCHOOL BUILDINGS 1980-81 THROUGH 1989-90

Year	Total Buildings	New Buildings	Reactivated Buildings	Closed Buildings
1980-81	3 759	17	16	116
1981-82	3 634	13	9	147
1982-83	3 510	9	13	146
1983-84	3 430	5	10	95
1984-85	3 362	5	13	86
1985-86	3 328	3	12	49
1986-87	3 310	1	11	30
1987-88	3 292	2	11	31
1988-89	3 260	9	20	61
1990-90	3 251	17	16	42

TABLE 2

PUBLIC SCHOOL BUILDINGS BY NUMBER OF INSTRUCTION ROOMS
1989-90

INSTRUCTION ROOMS	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED
Total	3 251	1 672 077	1 981	774 322	813	611 385	457	286 370
0	10	383	1	153	7	0	2	230
1	6	79	3	47	3	32	0	0
2 - 3	18	1 047	8	448	7	305	3	294
4 - 6	108	13 397	95	11 242	12	1 405	1	750
7 - 13	472	96 352	436	90 193	28	4 665	8	1 494
14 - 20	594	196 595	536	180 816	27	7 945	31	7 834
21 - 39	1 322	692 296	817	425 264	280	148 501	225	118 531
40 - 59	472	364 377	80	60 439	246	191 448	146	112 490
60 - 79	165	176 407	5	5 720	129	138 716	31	31 971
80 or More	84	131 144	0	0	74	118 368	10	12 776

TABLE 3

PUBLIC SCHOOL BUILDINGS BY NUMBER OF STORIES
1989-90

	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED
Total	3 251	1 672 077	1 981	774 322	813	611 385	457	286 370
One Story	1 288	512 299	986	344 318	210	122 184	92	45 797
Two Stories	1 380	748 567	741	303 402	424	309 327	215	135 838
Three or More Stories	583	411 211	254	126 602	179	179 874	150	104 735

TABLE 4

PHYSICAL CONDITION OF PUBLIC SCHOOL BUILDINGS BY PERIOD OF CONSTRUCTION 1989-90

	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED
State Total	3 251	1 672 077	1 981	774 322	813	611 385	457	286 370
Excellent	1 359	752 756	786	337 716	384	294 263	189	120 777
Good	1 492	771 585	916	354 014	345	269 733	231	147 838
Fair	344	128 651	244	74 746	68	38 280	32	15 625
Poor	56	19 085	35	7 846	16	9 109	5	2 130
Prior to 1900	66	21 928	49	15 450	8	2 433	9	4 045
Excellent	7	2 931	6	2 337	0	0	1	594
Good	23	7 707	17	5 111	3	1 127	3	1 469
Fair	27	9 152	21	6 845	2	679	4	1 628
Poor	9	2 138	5	1 157	3	627	1	354
1900 - 1909	83	35 482	55	20 676	16	8 745	12	6 061
Excellent	7	3 283	5	1 272	2	2 011	0	0
Good	36	15 355	23	8 757	7	3 649	6	2 949
Fair	37	16 252	26	10 350	5	2 790	6	3 112
Poor	3	592	1	297	2	295	0	0
1910 - 1919	156	72 401	102	37 767	31	22 713	23	11 921
Excellent	34	17 704	21	9 089	8	6 768	5	1 847
Good	75	39 262	50	20 238	13	11 627	12	7 397
Fair	39	12 609	25	7 005	8	2 927	6	2 677
Poor	8	2 826	6	1 435	2	1 391	0	0
1920 - 1929	431	215 615	269	96 619	75	61 686	87	57 310
Excellent	106	59 279	70	28 646	22	19 539	14	11 094
Good	232	129 092	126	49 553	42	36 759	64	42 780
Fair	76	21 820	61	15 468	8	3 607	7	2 745
Poor	17	5 424	12	2 952	3	1 781	2	691
1930 - 1939	327	147 838	213	74 383	64	44 152	50	29 303
Excellent	90	45 573	58	23 532	18	13 715	14	8 326
Good	179	82 082	110	37 852	35	24 290	34	19 940
Fair	49	17 000	38	11 692	9	4 271	2	1 037
Poor	9	3 183	7	1 307	2	1 876	0	0

TABLE 4

PHYSICAL CONDITION OF PUBLIC SCHOOL BUILDINGS BY PERIOD OF CONSTRUCTION--Concluded
1989-90

	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED
1940 - 1949	71	31 490	54	18 837	9	7 262	8	5 391
Excellent	21	7 897	18	6 568	3	1 329	0	0
Good	37	19 529	26	10 086	3	4 052	8	5 391
Fair	11	3 882	8	2 001	3	1 881	0	0
Poor	2	182	2	182	0	0	0	0
1950 - 1959	876	424 026	580	203 787	216	172 403	80	47 836
Excellent	349	169 309	241	88 009	81	65 140	27	16 160
Good	440	215 156	286	100 002	109	88 272	45	26 882
Fair	80	35 404	51	15 260	23	16 435	6	3 709
Poor	7	4 157	2	516	3	2 556	2	1 085
1960 - 1969	718	384 533	415	169 007	221	166 343	82	49 183
Excellent	354	197 613	187	78 411	122	94 063	45	25 139
Good	344	177 077	217	86 689	91	67 061	36	23 327
Fair	20	9 843	11	3 907	8	5 219	1	717
Poor	0	0	0	0	0	0	0	0
1970 - 1979	440	295 428	192	109 648	151	115 663	97	70 117
Excellent	310	206 401	130	72 274	106	81 713	74	52 414
Good	124	85 755	59	35 156	42	32 896	23	17 703
Fair	5	2 689	3	2 218	2	471	0	0
Poor	1	583	0	0	1	583	0	0
1980 - 1989	83	43 336	52	28 148	22	9 985	9	5 203
Excellent	81	42 766	50	27 578	22	9 985	9	5 203
Good	2	570	2	570	0	0	0	0
Fair	0	0	0	0	0	0	0	0
Poor	0	0	0	0	0	0	0	0

TABLE 5

SELECTED INSTRUCTION AND GENERAL USE ROOMS
1989-90

	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	ROOMS	BUILDINGS	ROOMS	BUILDINGS	ROOMS	BUILDINGS	ROOMS
Instruction Rooms								
Art	2 203	2 991	1 116	1 142	692	1 193	395	656
Business	1 562	4 914	521	552	722	3 766	319	596
Homemaking	1 100	2 367	30	41	686	1 563	384	763
Industrial Arts/Vo.Ag.	1 176	3 691	68	103	710	2 650	398	938
Kindergarten	1 815	3 376	1 703	3 170	5	11	107	195
Music	2 145	3 197	1 071	1 231	673	1 249	401	717
Regular Classroom	3 177	59 467	1 965	30 135	775	18 612	437	10 720
Science	1 181	6 050	126	182	699	4 475	356	1 393
Special Education Room	2 346	7 121	1 344	3 372	659	2 241	343	1 508
Vocational Shop	112	1 532	0	0	104	1 512	8	20
General Use Rooms								
Auditorium	1 197	1 213	289	294	611	616	297	303
Cafeteria	1 977	2 089	865	881	722	788	390	420
Group Seminar/Instruction	1 106	2 607	581	1 238	367	962	158	407
Health	3 009	3 168	1 825	1 869	747	828	437	471
Library	2 979	3 037	1 832	1 848	714	729	433	460
Multipurpose	1 766	1 940	1 456	1 512	150	214	160	214
Relocatable Classroom	388	958	280	653	81	222	27	83

TABLE 6

PUBLIC SCHOOL BUILDINGS BY TYPE OF SERVICE SYSTEM
1989-90

TYPE OF SYSTEM	TOTAL		ELEMENTARY		SECONDARY		ELEMENTARY/SECONDARY	
	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED	BUILDINGS	PUPILS HOUSED
Heating	3 251	1 672 077	1 981	774 322	813	611 385	457	286 370
Oil	926	444 206	617	223 486	171	133 948	138	86 772
Gas	1 193	578 737	733	276 686	316	217 531	144	84 520
Coal	240	113 748	152	55 540	54	38 077	34	20 131
Electricity	332	189 310	181	85 324	97	66 754	54	37 232
Wood	1	528	1	528	0	0	0	0
Combination of Sources	559	345 548	297	132 758	175	155 075	87	57 715
Ventilation	3 251	1 672 077	1 981	774 322	813	611 385	457	286 370
Mechanical	2 687	1 421 344	1 627	648 226	667	520 755	393	252 363
Gravity	35	11 261	22	5 687	6	2 177	7	3 397
Window Only	59	16 005	47	12 209	11	2 770	1	1 026
Mixed	470	223 467	285	108 200	129	85 683	56	29 584

PUBLIC SCHOOL BUILDINGS PLACED ON DEACTIVATED LIST, FALL 1989

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	PUPIL CAPACITY	BUILDING NUMBER
ALLEGHENY COUNTY					
Highlands SD	Birdville Elementary	Adams Street	Natrona Heights	320	0181
Plum Borough SD	Renton Elementary	1480 Renton Road	Pittsburgh	300	0430
West Mifflin Area SD	Emerson Elementary	1850 Pennsylvania Av	West Mifflin	456	0526
BEDFORD COUNTY					
Bedford Area SD	Londonderry Elem	RD 1	Hyndman	230	0740
BERKS COUNTY					
Antietam SD	Mt. Penn JSHS	25th & Filbert Sts	Mt Penn	756	0820
Fleetwood Area SD	Fleetwood MS	Arch Street	Fleetwood	641	0792
BLAIR COUNTY					
Altoona Area SD	Curtin Elementary	West Chestnut & 30th	Altoona	425	0892
BUTLER COUNTY					
Seneca Valley SD	Rowan Elementary	RD 1 Rowan Road	Mars	545	1179
CLEARFIELD COUNTY					
Clearfield Area SD	Glen Richey Elem	Main Street	Glen Richey	175	1514
COLUMBIA COUNTY					
Central Columbia SD	Mifflinville Elem	Race Street	Mifflinville	497	1616
	Scott Elementary	Worman & Second St	Bloomsburg	721	1617
CRAWFORD COUNTY					
Crawford Central SD	Kerrtown Elementary	RD 9 Box 462	Meadville	390	1649
Penncrest SD	Brookhauser Elem	RD 1	Saegertown	315	1659
FAYETTE COUNTY					
Albert Gallatin SD	Central Elementary	Box 1	McClellandtown	490	2129
FRANKLIN COUNTY					
Waynesboro Area SD	East JHS	550 East Main Street	Waynesboro	1036	2241

PUBLIC SCHOOL BUILDINGS PLACED ON DEACTIVATED LIST, FALL 1989--Continued

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	PUPIL CAPACITY	BUILDING NUMBER
LACKAWANNA COUNTY					
Mid Valley SD	Mid Valley Prim Cntr	Carmalt Street	Dickson City	580	2422
	Mid Valley Intr Cntr	Susquehanna Avenue	Olyphant	511	2451
LANCASTER COUNTY					
Lancaster SD	Reigart School	434 Strawberry St	Lancaster	225	5984
LEHIGH COUNTY					
East Penn SD	Macungie Elementary	East Main Street	Macungie	140	2804
	Vera Cruz Elementary	Route 1	Emmaus	175	2806
Northern Lehigh SD	Walnutport Elem	Lincoln Avenue	Walnutport	175	2811
MIFFLIN COUNTY					
Mifflin County SD	Decatur Elementary	RD 1	McClure	200	3176
	Burnham Elementary	Beech Street	Burnham	265	3179
	Granville Elementary		Granville	240	3191
PHILADELPHIA COUNTY					
Philadelphia City SD	Catto School	42nd & Ludlow Sts	Philadelphia	431	3780
POTTER COUNTY					
Coudersport Area SD	Coudersport Elem	Main Street	Coudersport	700	3868
SCHUYLKILL COUNTY					
Blue Mountain SD	Cressona Elementary	45 Wilder Street	Cressona	355	3890
Saint Clair Area SD	St Clair Area EL/MS	227 South Mill St	St Clair	661	3930
TIOGA COUNTY					
Northern Tioga SD	Westfield Boro Elem	Maple Street	Westfield	520	4056
WARREN COUNTY					
Warren County SD	Irvinedale Elem	18 Hohman Road	Warren	225	4139
	McClintock Elem	1209 Penn Ave West	Warren	175	4151
	Lacy Elementary	1607 Penn Ave East	Warren	300	4152

PUBLIC SCHOOL BUILDINGS PLACED ON DEACTIVATED LIST, FALL 1989--Concluded

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	PUPIL CAPACITY	BUILDING NUMBER
WASHINGTON COUNTY					
Canon McMillan SD	Borland Manor Elem	Giffin Drive	Canonsburg	445	4211
Fort Cherry SD	Robinson Elementary	RD 1 Box 265A	McDonald	200	4238
	McDonald Elementary	105 Coal Street	McDonald	415	4239
	Mt Pleasant Twp Elem		Hickory	350	4241
WAYNE COUNTY					
Wallenpaupack Area SD	Newfoundland Elem	RD 1 Box 179	Newfoundland	241	4305
WESTMORELAND COUNTY					
Franklin Regional SD	Duff Elementary	5870 Kennedy Avenue	Export	440	4358
Kiski Area SD	Adams Elementary	200 Lincoln Avenue	Vandergrift	350	4413
	North Vandergrift El	166 Lincoln Avenue	Vandergrift	175	4416
	Wilson Elementary	224 Longfellow St	Vandergrift	225	4418
	East Vandergrift El	433 McKinley Avenue	East Vandergrift	396	4427

NEW AND REACTIVATED PUBLIC SCHOOL BUILDINGS AS OF SEPTEMBER 15, 1989

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	BUILDING NUMBER

NEW

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	BUILDING NUMBER
BERKS COUNTY				
Fleetwood Area SD	Fleetwood Area MS	407 N Richmond St	Fleetwood	6052
BLAIR COUNTY				
Altoona Area SD	Mowrie A Ebner Elem	RD 5 Box 856	Altoona	6062
BUCKS COUNTY				
Council Rock SD	Hillcrest Elementary	420 East Holland Rd	Holland	6068
	New Richboro Elem	125 Upper Holland RD	Richboro	6069
CHESTER COUNTY				
Unionville-Chadds Ford SD	Hillendale Elem	1850 Hillendale Road	Chadds Ford	6063
COLUMBIA COUNTY				
Central Columbia SD	Central Columbia El	4777 Old Berwick Rd	Bloomsburg	6064
CRAWFORD COUNTY				
Crawford Central SD	West End Elementary	RD 4 Box 203	Meadville	6053
LACKAWANNA COUNTY				
Mid Valley SD	Mid Valley Elem Cntr	Underwood Road	Throop	6066
LANCASTER COUNTY				
Lancaster SD	Carter & Macrae Elem	251 South Prince St	Lancaster	6067
LEHIGH COUNTY				
East Penn SD	Macungie Elementary	4062 Brookside Road	Macungie	6054
MONROE COUNTY				
Pleasant Valley SD	Pleasant Valley MS	Route 115	Brodheadsville	6055
Pocono Mountain SD	Barrett Elem Ctr	Route 390 Rear	Cresco	6056
POTTER COUNTY				
Coudersport Area SD	Coudersport Elem	802 Vine Street	Coudersport	6057

NEW AND REACTIVATED PUBLIC SCHOOL BUILDINGS AS OF SEPTEMBER 15, 1989--Continued

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	BUILDING NUMBER
NEW				
TIOGA COUNTY				
Northern Tioga SD	Westfield Area Elem		Westfield	6058
WASHINGTON COUNTY				
Fort Cherry SD	Fort Cherry Elem Ctr	RD 4 Box 145	McDonald	6059
WAYNE COUNTY				
Wallenpaupack Area SD	Wallenpaupack So El	RD 1 Box 179	Newfoundland	6060
WESTMORELAND COUNTY				
Kiski Area SD	Kiski Area Intermed	200 Poplar Street	Vandergrift	6061
REACTIVATED				
ALLEGHENY COUNTY				
West Mifflin Area SD	New Emerson Elem	1922 Pennsylvania Av	West Mifflin	0533
BEAVER COUNTY				
Freedom Area SD	Unionville Elem	RD 1 Box 2 Glen Eden	Rochester	0657
BERKS COUNTY				
Antietam SD	Antietam JSHS	100 Antietam Road	Stony Crk Mills	0819
CENTRE COUNTY				
State College Area SD	Boalsburg Elementary	901 Boalsburg Pike	Boalsburg	1351
COLUMBIA COUNTY				
Millville Area SD	Administration Bldg	330 Main Street	Millville	6065
DELAWARE COUNTY				
Haverford Twp SD	Brookline	Earlington & Kenmore	Havertown	1870
	Chestnutwold	Loraine Street	Ardmore	1872

NEW AND REACTIVATED PUBLIC SCHOOL BUILDINGS AS OF SEPTEMBER 15, 1989--Concluded

REACTIVATED

COUNTY AND LOCAL EDUCATION AGENCY	BUILDING NAME	ADDRESS	CITY	BUILDING NUMBER
LACKAWANNA COUNTY				
Abington Heights SD	Grove Street Annex	East Grove Street	Clarks Summit	2409
LANCASTER COUNTY				
Ephrata Area SD	Fulton Elementary	44 East Fulton St	Ephrata	2563
LEHIGH COUNTY				
Salisbury Township SD	Western Salisbury El	3201 Devonshire Road	Allentown	2832
LUZERNE COUNTY				
Hanover Area SD	Lee Park Elementary	99 Lee Park Avenue	Wilkes-Barre	2888
MIFFLIN COUNTY				
Mifflin County SD	Lewistown MS	Green Ave & Kish St	Lewistown	5411
MONROE COUNTY				
Pocono Mountain SD	Tannersville Lrn Ctr		Tannersville	6017
MONTOUR COUNTY				
Danville Area SD	Danville Elementary	401 Front Street	Danville	3424
NORTHAMPTON COUNTY				
Northampton Area SD	Central Annex	15th & Main Streets	Northampton	6027
YORK COUNTY				
York Suburban SD	Valley View Center	850 Southern Road	York	4653

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Public and Nonpublic Schools

Enrollments
1989-90

DDS
Data Series

Pennsylvania Department of Education 1990

Public and Nonpublic Schools

Enrollments
1989-90

This is one in a series of publications containing statistical summaries related to basic education, postsecondary education, and vocational education in Pennsylvania. For more detailed data, contact the Division of Data Services at (717) 787-2644.

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Department of Education
Donald M. Carroll, Jr., Secretary

Bureau of Information Systems
Bruce J. Cowling, Director

Division of Data Services
Roger G. Hummel, Chief
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August 1990

Pennsylvania Department of Education
333 Market Street
Harrisburg, PA 17126-0333

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STATISTICAL HIGHLIGHTS

	Enrollments 1989-90	Percent change from 1988-89
Public Schools		
Elementary	911,323	+ 1.7%
Secondary	743,948	- 2.4%
Total	1,655,271	- 0.2%
Nonpublic Schools		
Elementary	257,889	- 1.1%
Secondary	83,340	- 6.6%
Total	341,229	- 2.5%
All Schools		
Elementary	1,169,212	+ 1.0%
Secondary	827,288	- 2.8%
State Total	1,996,500	- 0.6%

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OVERVIEW

Nationally, total school enrollment is estimated to be 46.0 million pupils for the 1989-90 school year. 5.4 million of these pupils attend nonpublic schools, compared with 40.6 million students who attend public schools. From the number of estimated nonpublic school pupils, 2.6 million are enrolled in Catholic schools, 1.7 million pupils are in other religious schools, and 713,000 pupils are enrolled in nonsectarian schools. The majority of nonpublic school pupils are enrolled at the elementary level, with an estimated 2.7 million pupils, compared with estimates of 817,000 pupils in secondary schools and 1.4 million pupils in elementary/secondary schools.

In Pennsylvania, total school enrollment declined over the past decade from the 2,301,694 pupils reported in 1980-81 to 1,996,500 pupils in 1989-90, a drop of 13.3 percent. While elementary enrollments have increased in recent years, secondary enrollments have continued to decrease over the entire ten-year period.

Pennsylvania's elementary enrollments have increased 4.9 percent to 1,169,212 pupils in 1989-90 from the low of 1,111,960 pupils in 1985-86. This trend is also evident in the public school elementary enrollments, up 8.5 percent from the low of 833,996 pupils reported in 1984-85 to 911,323 pupils reported in 1989-90. Nonpublic school elementary enrollments, however, have experienced a decline of 9.6 percent from the high of 285,372 pupils reported in 1983-84 to the 1989-90 level of 257,889 pupils.

Total secondary enrollments have continued their decline over the past ten years. A total of 827,288 secondary pupils were reported in 1989-90, a decrease of 23.5 percent from the 1,080,988 pupils reported in 1980-81. Public school secondary enrollments declined 23.2 percent from 968,905 pupils reported in 1980-81 to 743,948 pupils in 1989-90. Nonpublic school secondary enrollments have dropped 25.6 percent over the same ten-year period.

In the current year, public schools recorded an overall decline in enrollments of 0.2 percent from 1,658,335 pupils reported in 1988-89. Public elementary enrollments increased by 1.7 percent from the 896,213 pupils reported in 1988-89 to 911,323 reported in 1989-90. Public secondary enrollments, however, dropped 2.4 percent to 743,948 pupils in 1989-90 from 762,122 pupils in 1988-89. In 1989-90, nonpublic schools recorded declining enrollments at both the elementary and secondary levels. Nonpublic elementary enrollments declined 1.2 percent to 257,889 pupils in 1989-90 from the 260,876 pupils reported in 1988-89. Nonpublic secondary enrollments dropped 6.6 percent to 83,340 pupils.

TABLE 1

PUBLIC AND NONPUBLIC ENROLLMENTS BY COUNTY
1989-90

County	Total			Elementary			Secondary		
	Total	Public	Nonpublic	Total	Public	Nonpublic	Total	Public	Nonpublic
TOTAL	1 996 500	1 655 271	341 229	1 169 212	911 323	257 889	827 288	743 948	83 340
Adams	14 280	12 579	1 701	8 078	7 031	1 047	6 202	5 548	654
Allegheny	199 788	161 427	38 361	118 489	87 489	31 000	81 299	73 938	7 361
Armstrong	13 922	13 077	845	7 766	6 982	784	6 156	6 095	61
Beaver	31 151	28 592	2 559	17 531	15 453	2 078	13 620	13 139	481
Bedford	8 903	8 599	304	4 845	4 569	276	4 058	4 030	28
Berks	58 851	52 343	6 508	34 601	30 046	4 555	24 250	22 297	1 953
Blair	23 746	21 102	2 644	13 482	11 461	2 021	10 264	9 641	623
Bradford	12 851	12 294	557	7 344	6 813	531	5 507	5 481	26
Bucks	96 729	76 349	20 380	56 854	41 872	14 982	39 875	34 477	5 398
Butler	25 705	23 985	1 720	14 408	12 817	1 591	11 297	11 168	129
Cambria	27 656	23 278	4 378	15 397	11 811	3 586	12 259	11 467	792
Cameron	1 134	1 134	0	645	645	0	489	489	0
Carbon	9 320	8 351	969	5 487	4 524	963	3 833	3 827	6
Centre	13 656	12 705	951	7 779	6 888	891	5 877	5 817	60
Chester	62 724	52 278	10 446	36 693	29 214	7 479	26 031	23 064	2 967
Clarion	8 891	8 465	426	5 030	4 638	392	3 861	3 827	34
Clearfield	17 585	16 549	1 036	9 606	8 964	642	7 979	7 585	394
Clinton	6 278	5 845	433	3 561	3 151	410	2 717	2 694	23
Columbia	11 971	11 262	709	6 720	6 106	614	5 251	5 156	95
Crawford	13 097	12 213	884	7 456	6 616	840	5 641	5 597	44
Cumberland	36 781	33 386	3 395	20 556	18 004	2 562	16 215	15 382	833
Dauphin	41 035	34 932	6 103	24 251	19 931	4 320	16 784	15 001	1 783
Delaware	87 364	60 329	27 035	53 648	34 581	19 067	33 716	25 748	7 968
Elk	6 505	4 761	1 744	3 799	2 363	1 436	2 706	2 398	308
Erie	52 665	42 506	10 159	31 248	23 373	7 875	21 417	19 133	2 284
Fayette	25 521	23 023	2 498	14 091	12 071	2 020	11 430	10 952	478
Forest	828	802	26	428	414	14	400	388	12
Franklin	20 297	18 256	2 041	10 926	9 657	1 269	9 371	8 599	772
Fulton	2 641	2 619	22	1 447	1 437	10	1 194	1 182	12
Greene	7 345	7 261	84	3 902	3 848	54	3 443	3 413	30
Huntingdon	7 128	6 882	246	3 724	3 663	61	3 404	3 219	185
Indiana	15 200	14 237	963	8 311	7 655	656	6 889	6 582	307
Jefferson	8 015	7 714	301	4 395	4 100	295	3 620	3 614	6
Juniata	3 666	3 389	277	2 131	1 855	276	1 535	1 534	1
Lackawanna	34 547	27 383	7 164	19 920	14 708	5 212	14 627	12 675	1 952
Lancaster	73 948	59 921	14 027	45 943	34 479	11 464	28 005	25 442	2 563
Lawrence	16 988	16 190	798	9 547	8 749	798	7 441	7 441	0
Lebanon	19 393	17 442	1 951	11 017	9 593	1 424	8 376	7 849	527
Lehigh	43 971	38 610	5 361	25 574	21 471	4 103	18 397	17 139	1 258
Luzerne	50 431	41 146	9 285	29 184	21 782	7 402	21 247	19 364	1 883
Lycoming	21 264	20 024	1 240	12 225	11 283	942	9 039	8 741	298
McKean	9 031	8 492	539	4 948	4 567	381	4 083	3 925	158
Mercer	20 906	18 907	1 999	11 532	10 043	1 489	9 374	8 864	510
Mifflin	7 350	6 312	1 038	4 266	3 321	945	3 084	2 991	93
Monroe	17 386	16 312	1 074	9 959	9 135	824	7 427	7 177	250
Montgomery	111 378	76 837	34 541	66 350	42 862	23 488	45 028	33 975	11 053
Montour	2 953	2 654	299	1 728	1 491	237	1 225	1 163	62
Northampton	42 648	36 229	6 419	24 799	19 871	4 928	17 849	16 358	1 491
Northumberland	16 909	14 560	2 349	9 576	7 821	1 755	7 333	6 739	594
Perry	8 075	7 628	447	4 367	4 142	225	3 708	3 486	222
Philadelphia	270 805	189 451	81 354	170 227	109 555	60 672	100 578	79 896	20 682
Pike	2 803	2 776	27	1 742	1 716	26	1 061	1 060	1
Potter	3 623	3 486	137	2 010	1 927	83	1 613	1 559	54
Schuylkill	24 412	20 741	3 671	13 612	10 863	2 749	10 800	9 878	922
Snyder	6 003	5 409	594	3 469	2 927	542	2 534	2 482	52
Somerset	14 374	13 583	791	7 976	7 322	654	6 398	6 261	137
Sullivan	1 025	1 000	25	589	564	25	436	436	0
Susquehanna	8 398	8 346	52	4 871	4 823	48	3 527	3 523	4
Tioga	7 464	7 081	383	4 113	3 821	292	3 351	3 260	91
Union	4 616	4 101	515	2 759	2 296	463	1 857	1 805	52
Venango	12 573	11 817	756	7 099	6 465	634	5 474	5 352	122
Warren	7 510	7 087	423	4 224	3 870	354	3 286	3 217	69
Washington	33 266	30 994	2 272	18 273	16 127	2 146	14 993	14 867	126
Wayne	8 283	7 791	492	4 844	4 455	389	3 439	3 336	103
Westmoreland	62 069	56 114	5 955	37 337	29 195	5 142	27 732	26 919	813
Wyoming	5 067	5 042	25	2 766	2 751	15	2 301	2 291	10
York	53 802	49 281	4 521	30 727	27 286	3 441	23 075	21 995	1 080

FIGURE 1

PERCENT OF CHANGE IN PUBLIC AND NONPUBLIC ENROLLMENT
1981-82 THROUGH 1989-90

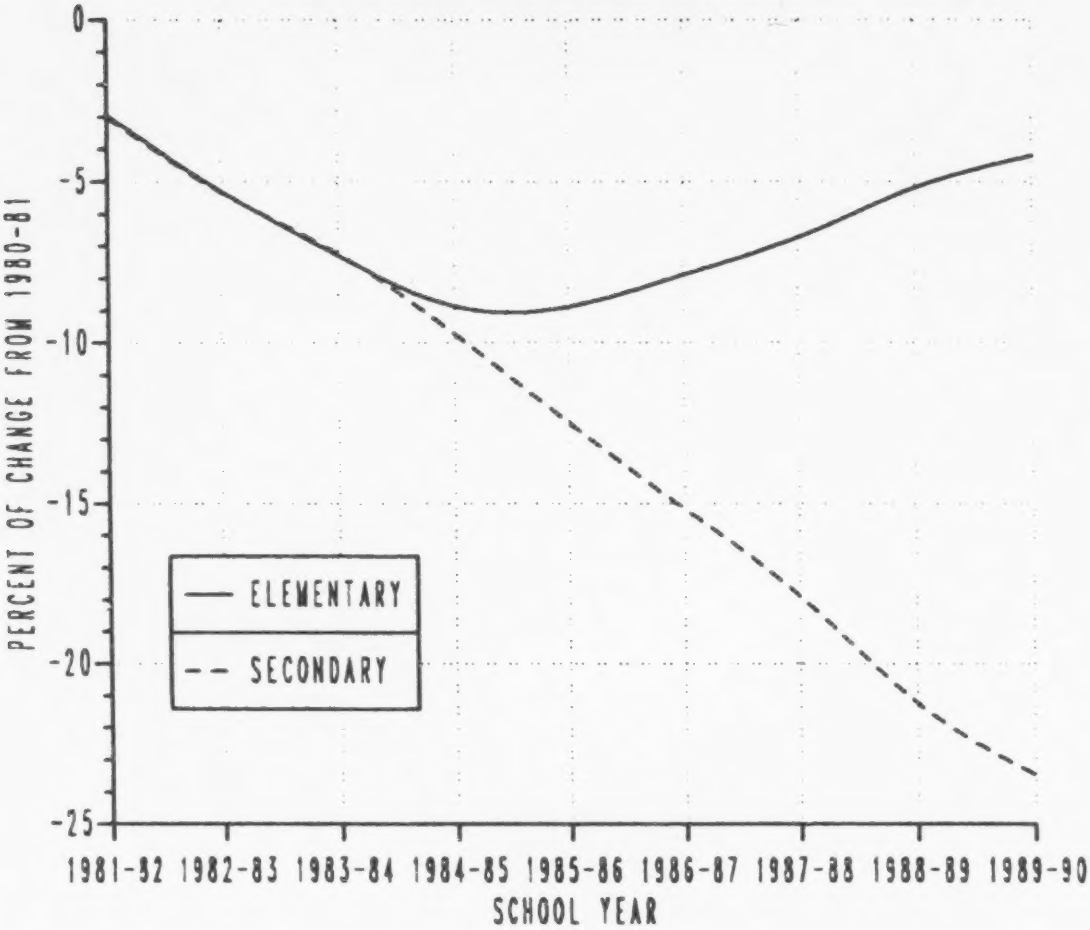

TABLE 2

PUBLIC AND NONPUBLIC ENROLLMENTS
1980-81 THROUGH 1989-90

Year	Total			Elementary			Secondary		
	Total	Public	Nonpublic	Total	Public	Nonpublic	Total	Public	Nonpublic
1980-81	2 301 694	1 909 292	392 402	1 220 706	940 387	280 319	1 080 988	968 905	112 083
1981-82	2 233 114	1 839 015	394 099	1 184 699	903 342	281 357	1 048 415	935 673	112 742
1982-83	2 179 135	1 783 969	395 166	1 155 994	872 629	283 365	1 023 141	911 340	111 801
1983-84	2 134 185	1 737 952	396 233	1 131 517	846 145	285 372	1 002 668	891 807	110 861
1984-85	2 087 900	1 701 880	386 020	1 112 232	833 996	278 236	975 668	867 884	107 784
1985-86	2 057 619	1 683 221	374 398	1 111 960	841 419	270 541	945 659	841 802	103 857
1986-87	2 040 840	1 674 161	366 679	1 124 203	856 962	267 241	916 637	817 199	99 438
1987-88	2 025 555	1 668 542	357 013	1 138 363	874 784	263 579	887 192	793 758	93 434
1988-89	2 008 399	1 658 335	350 064	1 157 089	896 213	260 876	851 310	762 122	89 188
1989-90	1 996 500	1 655 271	341 229	1 169 212	911 323	257 889	827 288	743 948	83 340

TABLE 3

PUBLIC AND NONPUBLIC ENROLLMENTS BY GRADE
1989-90

Grade	Total	Public	Nonpublic
TOTAL	1 996 500	1 655 271	341 229
Kindergarten	158 755	125 039	33 716
Pre-First	3 034	3 034	-
First	169 356	136 599	32 757
Second	160 180	128 349	31 831
Third	156 358	126 009	30 349
Fourth	151 693	122 701	28 992
Fifth	147 848	119 499	28 349
Sixth	145 559	118 997	26 562
Seventh	145 288	120 714	24 574
Eighth	139 439	115 963	23 476
Ninth	148 173	128 736	19 437
Tenth	139 498	120 857	18 641
Eleventh	133 963	115 498	18 465
Twelfth	134 566	115 400	19 166
Ungraded	62 790	57 876	4 914

NOTE: A dash (-) indicates "not applicable."

TABLE 4

PUBLIC AND NONPUBLIC SCHOOLS
1980-81 THROUGH 1989-90

Year	Total	Elementary	Secondary	Elementary/ Secondary
1980-81				
Public	3 734	2 368	952	414
Nonpublic	1 757	1 288	176	293
1981-82				
Public	3 616	2 261	932	423
Nonpublic	1 815	1 304	179	332
1982-83				
Public	3 507	2 162	903	442
Nonpublic	2 039	1 488	193	358
1983-84				
Public	3 487	2 108	901	478
Nonpublic	2 105	1 522	184	399
1984-85				
Public	3 432	2 056	895	481
Nonpublic	2 163	1 569	187	407
1985-86				
Public	3 410	2 037	887	486
Nonpublic	2 202	1 632	193	377
1986-87				
Public	3 397	2 027	881	489
Nonpublic	2 217	1 652	183	382
1987-88				
Public	3 313	2 013	865	435
Nonpublic	2 238	1 671	188	379
1988-89				
Public	3 282	1 993	831	458
Nonpublic	2 235	1 694	179	362
1989-90				
Public	3 268	1 985	815	468
Nonpublic	2 260	1 751	157	352

Public School Enrollments

TABLE 5

PUBLIC ELEMENTARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1989-90

County	Total	GRADE										
		K	Pre-1	1	2	3	4	5	6	7	8	Un-graded
TOTAL	911 323	125 039	3 034	136 599	128 349	126 009	122 701	119 499	118 997	13	8	31 075
Adams	7 031	1 018	30	1 083	979	989	863	892	850	0	0	327
Allegheny	87 489	12 101	139	13 311	12 333	12 023	11 598	11 288	11 063	0	0	3 633
Armstrong	6 982	907	2	973	990	994	1 001	950	969	0	0	196
Beaver	15 453	2 135	91	2 310	2 232	2 146	2 038	2 166	2 058	0	0	277
Bedford	4 569	621	18	647	597	679	649	652	621	0	0	85
Berks	30 046	4 437	115	4 492	4 192	4 085	4 044	3 889	3 804	0	0	988
Blair	11 461	1 548	29	1 646	1 548	1 638	1 603	1 573	1 651	0	0	225
Bradford	6 813	879	109	1 013	988	943	918	884	965	0	0	114
Bucks	41 872	6 277	216	6 127	5 870	5 603	5 579	5 350	5 448	0	0	1 402
Butler	12 817	1 736	0	1 924	1 877	1 824	1 764	1 801	1 767	0	0	124
Cambria	11 811	1 672	11	1 701	1 594	1 527	1 645	1 636	1 764	0	0	261
Cameron	645	107	0	96	99	87	82	81	68	0	0	25
Carbon	4 524	603	17	672	628	618	610	639	563	0	0	174
Centre	6 888	1 016	0	1 037	1 016	972	980	884	962	0	0	21
Chester	29 214	4 529	29	4 459	4 287	4 163	3 915	3 876	3 738	0	0	218
Clarion	4 638	669	12	650	642	597	651	621	667	0	0	129
Clearfield	8 964	1 189	2	1 326	1 234	1 287	1 326	1 248	1 278	0	0	74
Clinton	3 151	401	0	455	437	440	458	474	448	0	0	38
Columbia	6 106	813	22	882	844	829	865	829	836	0	0	186
Crawford	6 616	910	0	985	921	916	924	935	906	0	0	119
Cumberland	18 004	2 368	128	2 692	2 511	2 504	2 484	2 471	2 412	0	0	434
Dauphin	19 931	3 246	44	2 934	2 695	2 674	2 585	2 530	2 517	0	0	706
Delaware	34 581	4 762	88	5 104	4 707	4 379	4 492	4 283	4 232	0	0	2 534
Elk	2 363	318	0	332	302	320	312	358	298	0	0	123
Erie	23 373	3 457	55	3 542	3 196	3 113	3 147	2 929	2 973	0	0	961
Fayette	12 071	1 646	0	1 747	1 655	1 624	1 639	1 607	1 647	0	0	506
Forest	414	61	3	53	64	50	54	56	70	0	0	3
Franklin	9 657	1 269	116	1 386	1 307	1 338	1 332	1 309	1 319	0	0	281
Fulton	1 437	204	0	203	199	197	196	197	210	0	0	31
Greene	3 848	477	44	572	505	501	517	535	577	0	0	120
Huntingdon	3 663	488	14	546	502	520	553	477	516	0	0	47
Indiana	7 655	1 019	3	1 075	1 065	1 070	1 075	1 072	1 033	0	0	243
Jefferson	4 100	525	16	628	571	511	603	548	533	0	0	165
Juniata	1 855	250	0	241	257	262	274	235	261	0	0	75
Lackawanna	14 708	2 358	32	2 068	1 875	1 875	1 827	1 896	1 981	0	0	796
Lancaster	34 479	4 887	610	5 047	4 684	4 639	4 542	4 410	4 363	12	8	1 277
Lawrence	8 749	1 159	0	1 313	1 214	1 246	1 263	1 283	1 202	0	0	69
Lebanon	9 593	1 279	79	1 481	1 362	1 339	1 266	1 254	1 235	0	0	298
Lehigh	21 471	3 057	25	3 073	3 048	3 061	2 867	2 880	2 818	0	0	642
Luzerne	21 782	2 804	0	3 060	3 045	2 909	3 004	3 010	2 964	0	0	986
Lycoming	11 283	1 520	39	1 668	1 610	1 631	1 583	1 498	1 475	0	0	259
McKean	4 567	603	21	658	538	619	641	621	599	0	0	267
Mercer	10 043	1 397	15	1 504	1 439	1 435	1 439	1 381	1 356	0	0	77
Mifflin	3 321	439	0	475	471	483	454	454	452	0	0	93
Monroe	9 135	1 287	0	1 419	1 320	1 215	1 263	1 264	1 197	0	0	170
Montgomery	42 862	6 108	244	6 401	6 041	5 854	5 706	5 489	5 362	0	0	1 657
Montour	1 491	213	0	222	220	202	210	207	197	0	0	20
Northampton	19 871	2 541	83	3 004	2 757	2 810	2 801	2 621	2 638	0	0	616
Northumberland	7 821	1 130	11	1 121	1 042	1 060	1 094	1 045	1 074	0	0	244
Perry	4 142	505	25	587	582	594	599	633	568	0	0	49
Philadelphia	109 555	12 712	0	17 927	16 548	16 214	14 089	13 219	13 413	0	0	5 433
Pike	1 716	290	0	276	255	241	223	219	209	0	0	3
Potter	1 927	292	14	259	259	259	235	287	247	0	0	75
Schuylkill	10 863	1 515	49	1 549	1 489	1 463	1 514	1 425	1 462	0	0	397
Snyder	2 927	393	48	465	384	398	355	373	408	0	0	103
Somerset	7 322	952	30	1 068	998	1 077	1 042	1 035	1 055	0	0	65
Sullivan	564	72	0	82	66	87	87	88	69	0	0	13
Susquehanna	4 823	680	0	734	701	641	649	682	622	0	0	114
Tioga	3 821	527	30	615	544	557	526	497	507	0	0	18
Union	2 296	386	14	327	311	273	312	285	319	0	0	69
Venango	6 465	1 059	43	920	858	826	836	874	893	0	0	156
Warren	3 870	507	0	548	582	531	546	540	531	0	0	85
Washington	16 127	2 164	31	2 324	2 298	2 192	2 264	2 173	2 244	0	0	437
Wayne	4 455	598	0	621	632	655	615	594	580	0	0	160
Westmoreland	29 195	3 859	27	4 233	4 121	4 032	4 041	4 085	3 982	0	0	815
Wyoming	2 751	416	0	423	361	389	377	375	332	0	0	78
York	27 286	3 672	211	4 283	3 850	3 779	3 655	3 527	3 619	1	0	689

TABLE 6

PUBLIC SECONDARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1989-90

County	GRADE							
	Total	7	8	9	10	11	12	Un-graded
TOTAL	743 948	120 701	115 955	128 736	120 857	115 498	115 400	26 801
Adams	5 548	938	893	905	816	861	833	302
Allegheny	73 938	11 521	10 756	12 705	12 106	11 794	12 478	2 578
Armstrong	6 095	937	946	1 019	1 001	965	985	242
Beaver	13 139	2 124	2 110	2 328	2 079	2 081	2 139	278
Bedford	4 030	692	605	622	679	677	668	87
Berks	22 297	3 708	3 560	3 725	3 673	3 555	3 424	652
Blair	9 641	1 543	1 578	1 662	1 609	1 497	1 596	156
Bradford	5 481	934	895	1 033	861	837	860	61
Bucks	34 477	5 483	5 459	5 607	5 555	5 341	5 365	1 667
Butler	11 168	1 870	1 756	1 864	1 792	1 843	1 885	158
Cambria	11 467	1 775	1 752	1 860	1 975	1 956	2 052	97
Cameron	489	61	74	82	80	85	92	15
Carbon	3 827	570	575	704	629	577	638	134
Centre	5 817	987	897	933	965	988	1 037	10
Chester	23 064	3 844	3 685	3 921	3 766	3 714	3 762	372
Clarion	3 827	657	615	638	644	633	606	34
Clearfield	7 585	1 344	1 309	1 304	1 225	1 186	1 167	50
Clinton	2 694	441	461	455	462	459	413	3
Columbia	5 156	834	821	838	846	853	862	102
Crawford	5 597	903	875	882	905	951	992	89
Cumberland	15 382	2 507	2 530	2 550	2 546	2 553	2 507	189
Dauphin	15 001	2 457	2 367	2 592	2 463	2 397	2 358	367
Delaware	25 748	4 228	4 008	4 124	4 014	3 910	3 941	1 523
Elk	2 398	353	331	385	378	392	415	144
Erie	19 133	2 921	2 860	3 285	3 065	3 090	3 063	849
Fayette	10 952	1 842	1 683	1 674	1 609	1 697	1 683	764
Forest	388	57	56	53	70	78	60	14
Franklin	8 599	1 372	1 375	1 490	1 436	1 363	1 316	247
Fulton	1 182	205	202	194	176	181	157	67
Greene	3 413	608	538	556	528	529	524	130
Huntingdon	3 219	529	510	518	515	495	529	123
Indiana	6 582	1 086	1 094	1 031	1 082	1 046	1 070	173
Jefferson	3 614	566	566	563	687	617	591	24
Juniata	1 534	261	241	260	220	247	243	62
Lackawanna	12 675	2 028	1 920	2 136	2 049	1 947	2 010	585
Lancaster	25 442	4 301	4 187	4 302	4 214	3 959	3 781	698
Lawrence	7 441	1 200	1 140	1 178	1 098	1 179	1 201	445
Lebanon	7 849	1 268	1 204	1 265	1 311	1 299	1 344	158
Lehigh	17 139	2 904	2 768	2 923	2 737	2 774	2 789	244
Luzerne	19 364	2 993	2 944	3 241	3 122	2 949	3 213	902
Lycoming	8 741	1 455	1 468	1 555	1 429	1 364	1 421	49
McKean	3 925	623	592	590	661	651	645	163
Mercer	8 864	1 458	1 420	1 526	1 438	1 398	1 446	178
Mifflin	2 991	483	434	530	508	499	521	16
Monroe	7 177	1 221	1 175	1 177	1 174	1 061	1 009	360
Montgomery	33 975	5 404	5 284	5 711	5 674	5 336	5 343	1 223
Montour	1 163	223	184	214	158	167	174	43
Northampton	16 358	2 721	2 627	2 735	2 548	2 478	2 321	928
Northumberland	6 739	1 056	1 083	1 171	1 135	1 052	1 114	128
Perry	3 486	573	557	600	597	515	507	137
Philadelphia	79 896	13 109	11 898	17 351	12 996	10 397	8 531	5 614
Pike	1 060	164	214	194	171	163	154	0
Potter	1 559	256	232	217	247	238	269	100
Schuylkill	9 878	1 473	1 482	1 566	1 515	1 496	1 659	687
Snyder	2 482	400	431	392	409	408	361	81
Somerset	6 261	1 085	1 060	1 053	1 025	1 015	963	60
Sullivan	436	71	83	69	80	60	73	0
Susquehanna	3 523	621	610	573	540	562	521	96
Tioga	3 260	542	492	541	575	504	524	82
Union	1 805	262	300	272	288	316	300	67
Venango	5 352	931	877	958	868	855	809	54
Warren	3 217	537	503	512	569	478	557	61
Washington	14 867	2 292	2 210	2 580	2 483	2 380	2 515	407
Wayne	3 336	601	532	599	528	531	463	82
Westmoreland	26 919	4 372	4 212	4 487	4 423	4 252	4 608	565
Wyoming	2 291	366	357	398	371	371	355	73
York	21 995	3 550	3 492	3 758	3 459	3 396	3 588	752

TABLE 7

PUBLIC ELEMENTARY AND SECONDARY ENROLLMENTS BY RACE BY COUNTY
1989-90

County	Total		American Indian/Alaskan Native		Asian/Pacific Islander		Black (Non-Hispanic)		Hispanic		White (Non-Hispanic)	
	Elem.	Sec.	Elem.	Sec.	Elem.	Sec.	Elem.	Sec.	Elem.	Sec.	Elem.	Sec.
TOTAL	911 323	743 948	628	724	13 861	11 618	124 666	91 458	26 031	16 787	746 137	623 361
Adams	7 031	5 548	1	8	47	50	121	120	187	90	6 675	5 280
Allegheny	87 489	73 938	68	87	1 018	796	18 175	13 415	232	203	67 996	59 437
Armstrong	6 982	6 095	6	5	11	15	56	43	6	6	6 903	6 026
Beaver	15 453	13 139	8	11	37	42	1 446	1 164	26	33	13 936	11 889
Bedford	4 569	4 030	3	0	2	17	23	21	13	9	4 528	3 983
Berks	30 046	22 297	5	13	304	252	1 224	821	2 658	1 481	25 855	19 730
Blair	11 461	9 641	4	2	60	67	149	115	20	19	11 228	9 438
Bradford	6 813	5 481	1	2	24	15	26	16	19	15	6 743	5 433
Bucks	41 872	34 477	38	28	866	688	1 759	1 603	717	575	38 492	31 583
Butler	12 817	11 168	14	1	56	50	86	75	28	21	12 633	11 021
Cambria	11 811	11 467	3	2	26	33	490	343	24	22	11 268	11 067
Cameron	645	489	1	2	2	0	1	1	0	2	641	484
Carbon	4 524	3 827	0	3	22	27	17	7	39	48	4 446	3 742
Centre	6 888	5 817	8	6	207	103	94	99	44	54	6 535	5 555
Chester	29 214	23 064	15	28	427	396	2 759	2 175	714	528	25 299	19 937
Clarion	4 638	3 827	3	1	13	34	19	10	15	5	4 588	3 777
Clearfield	8 964	7 585	7	1	22	29	19	14	5	15	8 911	7 526
Clinton	3 151	2 694	4	9	5	7	7	4	2	2	3 133	2 672
Columbia	6 106	5 156	2	4	37	24	47	24	27	25	5 993	5 079
Crawford	6 616	5 597	2	10	24	41	149	136	11	10	6 430	5 400
Cumberland	18 004	15 382	22	8	296	314	339	229	91	68	17 256	14 763
Dauphin	19 931	15 001	13	14	308	258	5 128	3 294	842	410	13 640	11 025
Delaware	34 581	25 748	19	20	902	773	6 405	4 398	448	247	26 807	20 310
Elk	2 363	2 398	0	1	16	20	1	4	2	3	2 344	2 370
Erie	23 373	19 133	17	30	137	101	1 964	1 535	429	257	20 826	17 210
Fayette	12 071	10 952	2	4	15	13	701	621	7	13	11 346	10 301
Forest	414	388	0	0	0	0	1	6	0	2	413	380
Franklin	9 657	8 599	5	13	73	70	497	409	97	59	8 985	8 048
Fulton	1 437	1 182	0	0	1	1	16	22	0	0	1 420	1 159
Greene	3 848	3 413	5	2	10	12	20	15	3	11	3 810	3 373
Huntington	3 663	3 219	8	3	11	9	92	58	4	12	3 548	3 137
Indiana	7 655	6 582	3	3	38	38	83	78	8	17	7 523	6 446
Jefferson	4 100	3 614	2	0	11	9	4	2	1	3	4 082	3 600
Juniata	1 855	1 534	3	1	9	14	7	3	1	0	1 835	1 516
Lackawanna	14 708	12 675	13	7	164	127	263	156	51	36	14 217	12 349
Lancaster	34 479	25 442	37	7	643	572	1 454	956	2 399	1 431	29 946	22 476
Lawrence	8 749	7 441	1	5	36	38	442	557	18	37	8 252	6 804
Lebanon	9 593	7 849	5	8	105	105	86	42	374	247	9 023	7 447
Lehigh	21 471	17 139	13	15	416	287	908	575	2 351	1 307	17 783	14 955
Luzerne	21 782	19 364	7	22	125	98	286	244	98	90	21 266	18 910
Lycoming	11 283	8 741	1	10	42	51	370	196	14	17	10 856	8 467
McKean	4 567	3 925	6	10	23	26	15	12	4	3	4 519	3 874
Mercer	10 043	8 864	1	7	80	51	737	706	26	22	9 199	8 078
Mifflin	3 321	2 991	7	8	19	12	26	11	8	5	3 261	2 955
Monroe	9 135	7 177	9	27	88	50	269	214	192	156	8 577	6 730
Montgomery	42 862	33 975	19	25	1 709	1 619	3 958	3 222	538	409	36 638	28 700
Montour	1 491	1 163	1	0	19	21	8	15	6	4	1 457	1 123
Northampton	19 871	16 358	16	5	228	202	823	639	1 486	1 009	17 318	14 503
Northumberland	7 821	6 739	3	9	12	8	46	37	41	39	7 719	6 646
Perry	4 142	3 486	2	1	6	9	24	63	17	38	4 093	3 375
Philadelphia	109 555	79 896	143	102	4 426	3 488	69 391	50 144	10 788	6 986	24 807	19 176
Pike	1 716	1 060	4	4	10	7	13	6	31	35	1 658	1 008
Potter	1 927	1 559	0	2	5	6	7	3	6	4	1 909	1 544
Schuylkill	10 863	9 878	0	5	57	30	77	45	19	23	10 710	9 775
Snyder	2 927	2 482	2	3	11	13	5	3	14	3	2 895	2 460
Somerset	7 322	6 261	1	2	13	24	14	3	6	3	7 288	6 229
Sullivan	564	436	0	0	0	0	3	2	0	0	561	434
Susquehanna	4 823	3 523	3	3	11	8	12	8	6	13	4 791	3 491
Tioga	3 821	3 260	3	1	8	4	31	20	12	4	3 767	3 231
Union	2 296	1 805	2	1	13	15	15	16	12	12	2 254	1 761
Venango	6 465	5 352	5	5	23	35	42	44	11	15	6 384	5 253
Warren	3 870	3 217	0	22	16	18	2	7	1	7	3 851	3 163
Washington	16 127	14 867	3	15	75	49	758	706	24	35	15 267	14 062
Wayne	4 455	3 336	1	3	15	11	30	20	19	31	4 390	3 271
Westmoreland	29 195	26 919	12	37	191	114	998	771	36	51	27 958	25 946
Wyoming	2 751	2 291	0	0	2	8	10	15	4	6	2 735	2 262
York	27 286	21 995	16	31	233	194	1 618	1 120	699	444	24 720	20 206

TABLE 8

PUBLIC SECONDARY ENROLLMENTS IN SELECTED SUBJECTS
1989-90

Subject	Enrollment
ARTS AND HUMANITIES	
Advanced Music Theorum	2 291
Aestetics	953
Arts Criticism	544
Arts History	5 157
Choral Music	91 603
Dance	1 707
Drama	8 910
Film Studies	2 805
General Art	271 740
General Music	211 932
Humanities	24 156
Instrumental Music	85 021
Philosophy	2 232
Photography	11 697
Studio Art	22 958
BUSINESS	
Accounting I	26 528
Accounting II	7 682
Business English	9 583
Business Law	10 409
Business Mathematics	17 549
Computer Data Processing	13 047
Introduction to Business	23 762
Shorthand I	5 247
Shorthand II	2 147
Typing I	66 949
Typing II	12 843
COMPUTER SCIENCE	
Computer Literacy	130 421
Computer Programming I	16 515
Computer Programming II	4 653
Computer Science I	24 155
Computer Science II	4 719
DRIVER EDUCATION	
Behind-the-Wheel Practicum	36 946
Classroom Theory	76 606
ENGLISH	
English	670 760
Literature	97 481
Speech	37 003
Writing	67 798
ENVIRONMENTAL EDUCATION	
Environmental Education	35 424
FOREIGN LANGUAGES	
Foreign Language Exploration	30 769
French I	29 369
French II	20 334
French III	11 003
French IV	5 276
French V and VI	1 200
German I	12 981
German II	8 301
German III	4 757
German IV	2 320
German V and VI	361
Italian I	741
Italian II	517
Italian III	206
Italian IV and V	104
Latin I	7 602
Latin II	3 273
Latin III	1 256
Latin IV	477
Russian I	479
Russian II	206
FOREIGN LANGUAGES--Concluded	
Russian III	73
Russian IV and V	47
Spanish for Spanish Speakers	714
Spanish I	59 920
Spanish II	38 788
Spanish III	17 183
Spanish IV	7 099
Spanish V and VI	1 432
HEALTH	
Health	320 336
HOME ECONOMICS	
Home Economics (non-vocational)	263 220
INDUSTRIAL ARTS	
Industrial Arts	289 915
MATHEMATICS	
Advanced Placement Calculus	4 274
Algebra I	111 202
Algebra II	67 244
Algebra III	11 768
Analytic Geometry	8 503
Arithmetic	84 725
Calculus	10 086
Calculus & Analytic Geometry	3 796
Combined Plane & Solid Geometry	22 358
Consumer Mathematics	16 946
Fundamentals of Mathematics	39 890
General Mathematics I	105 647
General Mathematics II	35 861
General Mathematics III	13 864
Intro to College Mathematics	5 362
Plane Geometry	47 412
Probability and Statistics	4 103
Solid Geometry	1 571
Trigonometry	34 035
PHYSICAL EDUCATION	
Adapted Physical Education	13 875
Physical Education	689 199
READING	
Developmental Reading	180 930
Remedial Reading	48 277
SCIENCE	
Biology I	115 269
Biology II	17 063
Chemestry I	65 610
Chemestry II	7 617
Earth and Space Science I	82 976
Earth and Space Science II	4 701
General Science (Senior High)	41 369
General Science (Junior High)	100 803
Life Science	79 680
Physical Science	88 963
Physics I	33 494
Physics II	2 828
SOCIAL STUDIES	
Anthropology	3 464
Economics	55 053
Geography	101 127
Government or Civics	117 310
Pennsylvania History	42 984
Psychology	30 246
Sociology	28 273
U.S. History/Culture	246 840
World Culture	193 623

TABLE 9

PUBLIC SECONDARY ENROLLMENTS
BY SECONDARY SCHOOL CLASSIFICATION
1989-90

Classification	Number of Schools	Secondary Enrollments
STATE TOTALS	1 283	743 948
MIDDLE SCHOOL (GR. 5-8) 1/	66	22 868
MIDDLE SCHOOL (GR. 6-8) 1/	226	91 016
MIDDLE SCHOOL (OTHER) 1/	31	11 648
TWO-YEAR JHS (7-8)	44	22 909
THREE-YEAR JHS (7-9)	86	58 604
TWO-YEAR HS (9-10)	9	8 188
SIX-YEAR JSHS (7-12)	194	119 936
FOUR-YEAR SHS (9-12)	286	269 703
THREE-YEAR SHS (10-12)	72	70 401
TWO-YEAR HS (11-12)	7	6 747
COMPREHENSIVE AVTS	14	11 748
OCCUPATIONAL AVTS 2/	71	38 854
STATE-OWNED 3/	2	282
SPECIAL EDUCATION	10	2 688
OTHER SCHOOLS	165	47 269

1/ Enrollments include only secondary grades 7 and 8.

2/ The enrollments for these schools are duplicated enrollments reported by the sending schools and, therefore, not included in the total.

3/ Scranton School for the Deaf has an enrollment of 59 which duplicates enrollment reported by the sending school and is not reported in the total. Scotland School for Veterans' children has a secondary enrollment of 223 which is counted in the total enrollment.

Nonpublic School Enrollments

TABLE 10

NONPUBLIC ELEMENTARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1989-90

County	GRADE										
	Total	K	1	2	3	4	5	6	7	8	Un-graded
TOTAL	257 889	33 716	32 757	31 831	30 349	28 992	28 349	26 562	21 634	20 352	3 347
Adams	1 047	100	124	112	131	107	116	107	93	99	58
Allegheny	31 000	4 719	3 970	3 804	3 608	3 579	3 322	3 081	2 477	2 389	51
Armstrong	784	90	130	114	104	107	88	74	38	39	0
Beaver	2 078	236	252	284	269	236	217	233	162	135	54
Bedford	276	29	26	34	29	41	32	26	25	19	15
Berks	4 555	703	573	567	561	516	486	492	346	267	44
Blair	2 021	249	222	260	274	246	253	249	125	138	5
Bradford	531	77	65	80	51	60	67	55	27	31	18
Bucks	14 982	1 967	1 889	1 897	1 748	1 636	1 651	1 553	1 294	1 305	42
Butler	1 591	262	217	221	211	201	180	153	75	71	0
Cambria	3 586	355	418	428	467	411	421	394	368	324	0
Cameron	0	0	0	0	0	0	0	0	0	0	0
Carbon	963	122	127	115	120	99	121	97	81	81	0
Centre	891	209	129	130	108	111	100	75	12	17	0
Chester	7 479	1 192	925	886	818	803	817	726	585	592	135
Clarion	392	46	46	59	50	56	57	41	23	14	0
Clearfield	642	90	93	83	102	76	91	73	11	13	10
Clinton	410	34	53	57	62	45	53	58	19	18	11
Columbia	614	104	88	101	78	85	64	44	15	10	25
Crawford	840	72	126	107	100	106	106	93	67	63	0
Cumberland	2 562	504	297	312	302	268	255	243	201	164	16
Dauphin	4 320	751	547	531	527	475	481	452	306	249	1
Delaware	19 067	2 373	2 371	2 233	2 177	2 123	2 150	2 039	1 765	1 649	187
Elk	1 436	214	181	176	195	151	167	135	107	110	0
Erie	7 875	925	931	955	851	901	880	841	848	721	22
Fayette	2 020	272	265	275	253	254	217	203	155	126	0
Forest	14	2	1	1	2	3	4	0	0	0	1
Franklin	1 269	163	188	188	181	177	163	132	38	31	8
Fulton	10	0	4	0	2	2	0	2	0	0	0
Greene	54	22	8	3	1	7	4	9	0	0	0
Huntingdon	61	8	6	11	5	4	6	6	0	0	15
Indiana	656	100	108	104	92	76	78	64	20	14	0
Jefferson	295	26	34	34	45	38	29	33	28	28	0
Juniata	276	18	36	29	36	40	25	29	17	15	31
Lackawanna	5 212	736	655	602	586	575	558	522	495	474	9
Lancaster	11 464	853	1 369	1 414	1 304	1 320	1 350	1 231	1 040	994	589
Lawrence	798	107	90	102	104	101	92	66	53	47	36
Lebanon	1 424	125	204	204	196	178	196	162	64	50	45
Lehigh	4 103	695	495	454	472	411	397	347	313	317	202
Luzerne	7 402	1 062	888	939	885	804	824	686	606	616	92
Lycoming	942	134	115	139	121	109	123	100	20	16	65
McKean	381	43	69	55	55	42	59	47	8	2	1
Mercer	1 489	152	197	199	184	166	142	164	128	138	19
Mifflin	945	71	132	109	121	122	96	105	18	17	154
Monroe	824	165	136	145	110	85	85	58	21	19	0
Montgomery	23 488	3 881	2 903	2 744	2 653	2 448	2 373	2 452	1 961	1 808	265
Montour	237	26	49	39	28	34	24	21	5	11	0
Northampton	4 928	731	643	644	638	554	537	479	368	334	0
Northumberland	1 755	245	239	213	222	205	207	187	113	106	18
Perry	225	15	27	28	30	25	27	30	12	14	17
Philadelphia	60 672	6 074	7 902	7 496	7 063	6 829	6 671	6 377	5 872	5 597	791
Pike	26	7	0	2	4	3	2	3	5	0	0
Potter	83	6	9	12	14	16	9	8	5	4	0
Schuylkill	2 749	294	364	344	318	307	316	284	258	238	26
Snyder	542	13	73	79	65	61	68	61	51	41	30
Somerset	654	29	94	90	88	93	92	87	32	20	29
Sullivan	25	1	6	3	3	3	4	1	1	3	0
Susquehanna	48	12	7	7	9	6	3	4	0	0	0
Tioga	292	49	43	40	45	30	42	36	1	4	2
Union	463	13	59	62	65	59	50	63	40	33	19
Venango	634	75	86	62	70	75	71	52	55	45	43
Warren	354	49	55	47	47	57	47	42	7	3	0
Washington	2 146	366	275	277	259	256	237	211	140	125	0
Wayne	389	61	47	44	52	48	48	48	19	22	0
Westmoreland	5 142	933	659	652	600	567	555	484	348	293	51
Wyoming	15	2	1	4	1	3	2	2	0	0	0
York	3 441	657	416	389	377	360	341	330	247	229	95

TABLE 11

NONPUBLIC SECONDARY SCHOOL ENROLLMENTS BY GRADE BY COUNTY
1989-90

County	GRADE							
	Total	7	8	9	10	11	12	Un-graded
TOTAL	83 340	2 940	3 124	19 437	18 641	18 465	19 166	1 567
Adams	654	3	1	142	146	134	134	94
Allegheny	7 361	314	290	1 798	1 611	1 606	1 691	51
Armstrong	61	12	7	12	12	10	8	0
Beaver	481	42	30	135	79	90	77	28
Bedford	28	0	1	5	8	8	6	0
Berks	1 953	72	98	412	409	400	391	171
Blair	623	36	31	155	141	129	131	0
Bradford	26	7	5	1	0	0	0	13
Bucks	5 398	152	141	1 262	1 304	1 261	1 278	0
Butler	129	28	19	29	24	17	12	0
Cambria	792	14	5	208	188	191	186	0
Cameron	0	0	0	0	0	0	0	0
Carbon	6	1	0	0	3	1	1	0
Centre	60	10	7	16	9	7	11	0
Chester	2 967	119	146	682	631	593	659	137
Clarion	34	4	5	7	5	5	8	0
Clearfield	394	59	68	73	61	61	56	16
Clinton	23	4	8	3	2	6	0	0
Columbia	95	15	23	17	12	7	6	15
Crawford	44	3	4	9	9	10	9	0
Cumberland	833	55	38	182	201	171	186	0
Dauphin	1 783	170	159	397	376	330	350	1
Delaware	7 968	197	267	1 790	1 797	1 898	1 995	24
Elk	308	0	0	81	80	72	75	0
Erie	2 284	40	48	568	469	504	505	150
Fayette	478	15	7	109	128	102	117	0
Forest	12	0	1	2	1	0	2	6
Franklin	772	87	71	118	171	144	181	0
Fulton	12	0	3	4	2	3	0	0
Greene	30	4	4	6	5	7	4	0
Huntingdon	185	9	22	22	42	37	43	10
Indiana	307	9	9	48	75	81	85	0
Jefferson	6	1	1	1	2	0	1	0
Juniata	1	0	0	0	1	0	0	0
Lackawanna	1 952	26	36	534	481	412	446	17
Lancaster	2 563	132	150	620	521	557	573	10
Lawrence	0	0	0	0	0	0	0	0
Lebanon	527	88	93	112	96	55	73	10
Lehigh	1 258	11	8	261	263	231	262	222
Luzerne	1 883	26	30	434	420	449	440	84
Lycoming	298	51	67	37	33	31	50	29
McKean	158	38	30	29	23	24	14	0
Mercer	510	15	9	109	126	126	125	0
Mifflin	93	23	14	17	10	17	11	1
Monroe	250	49	46	44	41	36	34	0
Montgomery	11 053	334	425	2 561	2 474	2 529	2 634	96
Montour	62	7	4	16	9	13	13	0
Northampton	1 491	56	51	373	339	351	321	0
Northumberland	594	47	48	122	117	104	135	21
Perry	222	31	35	34	47	35	40	0
Philadelphia	20 682	278	293	5 043	4 902	4 879	5 005	282
Pike	1	0	0	1	0	0	0	0
Potter	54	9	12	14	5	5	9	0
Schuylkill	922	2	9	208	213	222	244	24
Snyder	52	2	0	13	9	15	10	3
Somerset	137	19	30	23	27	13	23	2
Sullivan	0	0	0	0	0	0	0	0
Susquehanna	4	3	0	0	0	1	0	0
Tioga	91	17	19	15	17	9	14	0
Union	52	7	7	13	9	9	6	1
Venango	122	0	0	33	28	38	23	0
Warren	69	14	10	12	15	10	8	0
Washington	126	10	15	28	17	23	33	0
Wayne	103	18	19	20	12	14	20	0
Westmoreland	813	43	41	171	158	168	183	49
Wyoming	10	2	5	0	2	1	0	0
York	1 080	100	99	246	223	203	209	0

TABLE 12

NONPUBLIC SCHOOL ENROLLMENTS BY RELIGIOUS AFFILIATION BY LEVEL
1989-90

Religious Affiliation	Total Schools	% Change	ENROLLMENTS Total	Elementary	Secondary
TOTAL	2 260	+ 1.6	341 229	257 889	83 340
NON-CATHOLIC TOTAL	1 470	+ 3.7	97 006	69 197	27 809
RELIGIOUS/ NON-CATHOLIC TOTAL	963	+ 1.0	71 414	52 615	18 799
Amish	330	+ 3.9	9 756	9 756	0
Assembly of God	12	-20.0	1 396	1 259	137
Baptist	89	+ 1.1	7 752	5 303	2 449
Church of God	1	n.c.	49	23	26
Church of the Brethren	2	-33.3	155	131	24
Episcopal	15	-40.0	2 045	1 490	555
Friends	26	+ 3.9	5 772	3 732	2 040
God's Missionary Church	4	n.c.	225	152	73
Islamic	4	+33.3	61	55	6
Jewish	31	+ 9.7	3 371	2 866	505
Lutheran	13	-18.8	871	858	13
Mennonite	83	+1.20	7 882	5 951	1 931
Methodist	16	-20.0	1 433	958	475
Pentecostal	3	n.c.	232	221	[illegible]
Presbyterian	10	-16.7	645	403	
Seventh-day Adventist	30	- 3.2	1 328	781	547
Other Christian Denominations	294	+ 0.7	28 441	18 676	9 765
SECULAR TOTAL	507	+ 8.9	25 592	16 582	9 010
ROMAN CATHOLIC TOTAL	790	- 2.5	244 223	188 692	55 531
Allentown Diocese	73	- 1.4	17 347	13 512	3 835
Altoona-Johnstown Diocese	37	- 2.6	7 244	6 049	1 195
Erie Diocese	55	- 1.8	14 692	11 490	3 202
Greensburg Diocese	50	n.c.	7 697	6 677	1 020
Harrisburg Diocese	58	- 1.7	14 584	10 963	3 621
Philadelphia Diocese	309	- 1.3	131 663	97 281	34 382
Pittsburgh Diocese	139	- 8.0	35 397	29 843	5 554
Scranton Diocese	69	n.c.	15 599	12 877	2 722

APPENDIX A

GLOSSARY

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS) - a public school which provides vocational education to secondary school students, out-of-school youth, and adults in a geographical region comprised and operated by one or more school districts and established under Article XVIII (Subdivision C) of the Public School Code of 1949.

COMPREHENSIVE AVTS - a school that enrolls secondary students and provides a total education program and services for both specialized vocational education and academic education.

MIDDLE SCHOOL - an elementary/secondary school with at least three consecutive grades from 5 through 8 and other schools approved as a middle school.

OCCUPATIONAL AVTS - a school that enrolls secondary students and provides an educational program and services for only specialized vocational education.

PRE-FIRST - a public school grade between kindergarten and first grade; or, a transitional grade level.

RACIAL/ETHNIC CATEGORIES:

AMERICAN INDIAN/ALASKAN NATIVE - a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.

ASIAN/PACIFIC ISLANDER - a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands. This area includes, for example, China, Japan, Korea, India, the Phillipine Islands and Samoa.

BLACK (NON-HISPANIC) - a person having origins in any of the black racial groups of Africa.

HISPANIC - a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

WHITE (NON-HISPANIC) - a person having origins in any of the original peoples of Europe, North Africa or the Middle East.

ELEMENTARY/SECONDARY SCHOOL - a school which includes both elementary- and secondary-level students.

SCHOOL - a division of a school system comprised of one or more grade groups organized as one unit, usually under the direction of a principal or a head teacher. One building may house more than one school or one school may occupy all or part of one or more buildings.

SPECIAL EDUCATION SCHOOL - a school which is established primarily for the education of exceptional students.

APPENDIX B

SOURCES

1. Public School Enrollment Report (PDE-4035)

2. Nonpublic School Enrollment Report (PDE-4036)

3. Public Secondary School Report (PDE-4038)

4. Johnson, Frank H. "Key Statistics for Public Elementary and Secondary Education: School Year 1989-90" (NCES 90-032). Washington, D.C.: National Center for Education Statistics, December 1989.

5. McMillen, Marilyn Miles. "Key Statistics for Private Elementary and Secondary Education: School Year 1989-90" (NCES 90-026). Washington, D.C.: National Center for Education Statistics, December 1989.